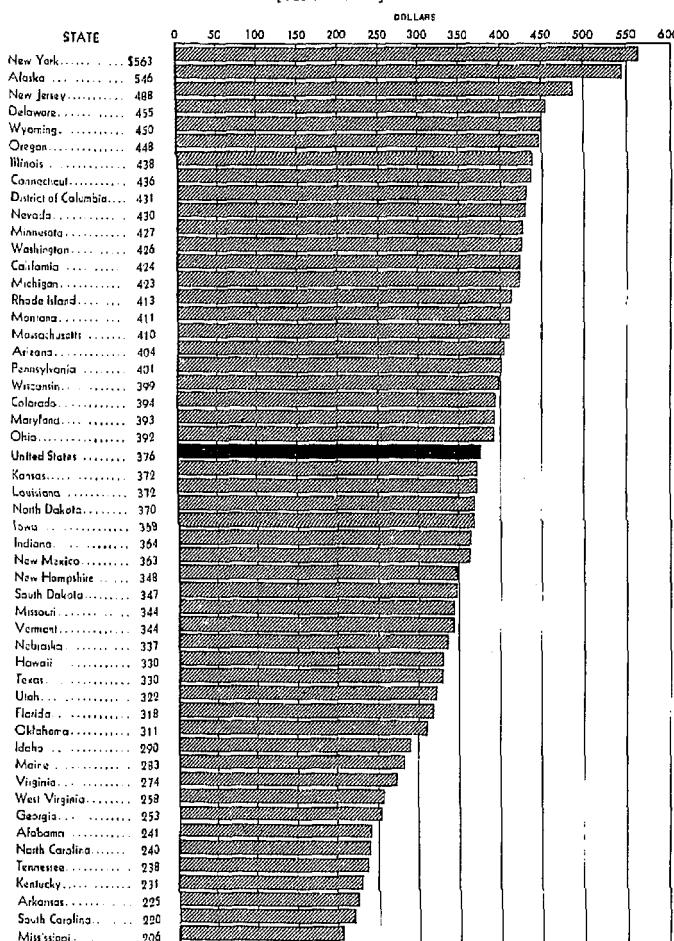


FIG. VIII. CURRENT EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE FOR PUBLIC ELEMENTARY AND SECONDARY DAY SCHOOLS: 1960

[See table 141]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Health, Education, and Welfare, Office of Education.

Section 4

Education

This section presents data concerning the personnel, level, extent, and finances of formal education in the United States. The chief sources of these data are the decennial Census of Population and the Current Population Survey, both conducted by the Bureau of the Census (see text, p. 1), and the annual *Statistics of Education in the United States*, issued by the Office of Education. The Census of Population has included data on school enrollment since the Census of 1840 and on educational attainment since the Census of 1940. The Current Population Survey has reported on school enrollment annually beginning in 1945 and on educational attainment and illiteracy beginning in 1947. *Statistics of Education in the United States*, first published for the school year 1958-59, basically continues the former Biennial Survey of Education in the United States, published from 1916-18 through 1956-58 by the Office of Education. It includes data on pupils, staff, finances, and organization at elementary, secondary, and college level.

Other regular sources of education data include special studies of the Office of Education, publications of the National Education Association, and annual or biennial reports of education agencies in individual States. The Office of Education's biennial report, *Federal Funds for Education*, contains detailed data on Federal expenditures for education. Administrative statistics on programs concerned with the distribution of Federal funds are issued by the agencies responsible. The quinquennial Census of Governments provides data on school district finances. Reports published by the Bureau of Labor Statistics contain data relating employment experience to educational attainment. Special studies by the National Science Foundation present statistics on scientists and technicians. Similar studies by the National Institutes of Health cover medical fields. Data on vocational training are available in the *Digest of Annual Reports of State Boards for Vocational Education*, issued annually by the Office of Education.

Types of data.—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interrogation of individuals to obtain information about their own and their families' education. Tabulations of this type of data relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population.

The second type, exemplified by data from the Office of Education and the National Education Association, is based on reports obtained from administrators of educational institutions and of local and State agencies having jurisdiction over education. This type of data relates to school enrollment, attendance, staff, and finances for the United States, individual States, and local areas, according to institutional characteristics.

State laws.—Although all States except Mississippi and South Carolina require that children attend school, State laws vary as to the ages of compulsory attendance. In the majority of States, the laws require that formal schooling begin at age 7 and continue to age 16.

Schools.—The basic Office of Education statistics for elementary and secondary schools are concerned with the local school systems serving the general population. Data from other types of schools are secured from time to time. School enrollment

statistics of the Bureau of the Census are based on attendance or enrollment in any regular school within a given period; educational attainment statistics are based on the highest grade completed by an individual. "Regular" schools include public and private kindergartens, graded schools, colleges, universities, and professional schools. "Public" schools are defined as schools controlled and supported by local, State, or Federal governmental agencies; "private" or "nonpublic" schools are those controlled and supported mainly by religious organizations or by private persons or organizations. Neither the Office of Education nor the Bureau of the Census regularly includes specialized vocational, trade, or business schools, residential schools for exceptional children, and correspondence schools. Office of Education enrollment data include kindergartens and nursery schools if they are publicly financed; Census enrollment data include all kindergartens but exclude nursery schools. At the higher education level, the basic Office of Education statistics and the Bureau of the Census enrollment statistics are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges. Statistics for certain other types of institutions beyond the high school, such as those offering organized occupational curriculums of nondegree character, are also collected by the Office of Education.

With respect to school levels, the Bureau of the Census defines "elementary" schools as including grades 1 through 8; "high" schools as including grades 9 through 12; and "colleges" as including junior or community colleges, regular 4-year colleges, and graduate or professional schools. Statistics reported by the Office of Education according to organization, as elementary level and secondary level, may not be strictly comparable because the grades included at the secondary level vary, depending on the organization of junior high schools. The trend is for the enrollment in grades seven and eight to shift from an elementary to a secondary organization, with the result that grade distribution between elementary and secondary is changing over time.

School year.—Except as otherwise indicated in the tables, data relating to enrollment and staff refer to the school year which generally begins in September of the preceding year and ends in June of the year stated. Statistics concerning school finances are for a 12-month period, usually July 1 to June 30.

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series H 383-394") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

Schools, Enrollment, and Expenditure

111

No. 138. NUMBER OF PUBLIC AND PRIVATE SCHOOLS, BY LEVEL: 1930 TO 1960

[Beginning 1958, includes Alaska and Hawaii]

TYPE OF SCHOOL	1930	1940	1950	1956	1958	1960
Elementary ¹	247,581	194,418	138,600	116,799	111,480	105,023
Public	238,300	² 183,112	128,225	104,427	98,310	91,863
One-teacher	149,282	² 107,692	59,652	34,984	26,227	20,213
Nonpublic ³	9,275	11,306	10,375	12,372	13,170	⁴ 13,170
Secondary ⁴	27,188	28,691	27,873	29,847	29,632	29,810
Public	23,930	² 25,123	24,542	25,400	25,600	⁵ 25,784
Nonpublic ³	3,258	3,568	3,331	3,887	4,026	⁴ 4,026
Institutions of higher education ⁶	1,409	1,708	1,851	1,850	1,934	2,008
Public	519	608	641	650	698	701
Private	890	1,105	1,210	1,200	1,266	1,307

¹ Excludes kindergartens. ² 1942 data. ³ Partially estimated. ⁴ 1958 data.

⁵ Regular 4-year, junior, senior, and junior-senior high schools.

⁶ Universities, colleges, professional schools, teachers colleges, and junior colleges. Includes U.S. service academies.

Source: Department of Health, Education, and Welfare, Office of Education.

No. 139. SCHOOL ENROLLMENT AND EXPENDITURE, BY TYPE OF SCHOOL: 1930 TO 1958

[Excludes Alaska and Hawaii]

ITEM	1930	1940	1950	1956	1958
ENROLLMENT					
Total ¹	29,652,377	29,751,203	31,319,271	39,103,059	42,279,493
Kindergarten	786,463	660,909	1,175,312	1,838,202	2,135,917
Public ²	723,443	694,047	1,034,203	1,564,306	³ 1,771,753
Nonpublic ²	54,466	57,341	³ 133,000	³ 263,000	³ 353,000
Subcollegiate departments of institutions of higher education	(4)	(4)	(4)	54,860	5,801
Residential schools for exceptional children ⁶	⁷ 5,184	5,777	⁸ 4,450	(4)	(4)
Federal schools for Indians	3,400	3,144	3,650	4,939	3,904
Federal schools on Federal installations	(4)	(4)	(4)	998	1,450
Grades 1 to 8	22,953,370	20,466,112	21,031,929	26,493,882	27,991,073
Public ²	20,555,150	18,237,451	18,352,603	22,725,861	23,897,007
Nonpublic ²	2,256,430	2,096,938	2,674,777	3,623,360	3,943,808
Subcollegiate departments of institutions of higher education	(4)	59,547	35,682	47,532	50,425
Residential schools for exceptional children ⁶	⁷ 124,153	55,054	⁸ 48,894	⁹ 61,700	¹⁰ 63,300
Federal schools for Indians	18,644	17,222	19,973	20,638	20,782
Federal schools on Federal installations	(4)	(4)	(4)	14,701	15,693
Grades 9 to 12 and postgraduate	4,811,800	7,129,979	6,453,009	7,774,975	8,868,586
Public high schools ²	4,390,422	6,601,444	5,724,621	6,872,586	7,859,771
Nonpublic high schools ²	341,188	457,768	672,362	823,000	930,608
Subcollegiate departments of institutions of higher education	59,287	54,070	38,162	49,457	42,974
Residential schools for exceptional children ⁶	⁷ 4,388	9,727	⁸ 9,784	18,400	¹⁰ 23,200
Federal schools for Indians	7,545	6,970	8,080	11,108	11,390
Federal schools on Federal installations	(4)	(4)	(4)	424	643
Higher education ¹	1,100,737	1,494,203	2,659,021	2,996,000	3,283,917
Publicly controlled	632,647	796,531	1,354,902	1,087,000	1,876,898
Privately controlled	568,090	697,672	1,304,110	1,309,000	1,407,019
EXPENDITURE (\$1,000)¹¹					
Elementary and secondary schools:					
Public ²	2,316,700	2,344,040	5,837,648	10,055,047	13,569,163
Nonpublic ²	233,277	227,000	782,967	1,626,848	2,078,890
Institutions of higher education:					
Public ¹²	288,909	¹³ 332,592	¹³ 1,174,125	¹³ 1,986,498	¹³ 2,656,013
Nonpublic ¹²	343,340	¹³ 273,163	¹³ 949,150	¹³ 1,460,374	¹³ 1,844,420

¹ Excludes schools of nursing not affiliated with institutions of higher education.

² Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.

³ Bureau of the Census, *Current Population Reports*, Series P-20. ⁴ Not available.

⁵ 1954 data. ⁶ Schools for the blind, deaf, mentally deficient, epileptic, and delinquent.

⁷ 1927 data. ⁸ 1946 data. ⁹ Includes kindergarten. ¹⁰ Preliminary. ¹¹ Includes capital outlay.

¹² Expenditures for all departments, including preparatory.

¹³ Excludes expenditures for auxiliary enterprises and activities, scholarships, fellowships, prizes, and other noneducational current expenditures included in prior years, amounting to \$59,034,000 for public institutions and \$93,665,000 for private institutions for 1940; \$255,474,000 and \$283,743,000 for 1950; \$361,075,000 and \$372,019,000 for 1956; and \$457,128,000 and \$448,128,000 for 1955.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 140. NUMBER OF PUBLIC AND PRIVATE SCHOOLS BY LEVEL, BY STATES AND FOR OTHER AREAS: 1958 AND 1960

[See also *Historical Statistics, Colonial Times to 1957*, series II 243-244, for totals]

STATE OR OTHER AREA	ELEMENTARY ¹		SECONDARY ²		INSTITUTIONS OF HIGHER EDUCATION, 1960 ³		Schools of nursing not affiliated with colleges and universities, 1960 ⁴
	Public, 1960	Non-public, 1958	Public, 1960	Non-public, 1958	Public	Private	
United States	5 91,853	5 13,170	5 25,784	5 4,026	6 701	1,307	889
New England							
Maine	4,561	5 1,006	1,314	5 480	41	132	92
New Hampshire	1,006	5 107	178	5 70	7	13	5
Vermont	307	82	92	48	5	6	11
Massachusetts	402	35	85	24	4	11	3
Rhode Island	1,601	5 510	670	5 230	17	70	51
Connecticut	284	88	66	28	2	8	5
Middle Atlantic	5 9,479	5 2,896	2,806	5 921	67	259	231
New York	5 654	5 1,287	1,471	5 487	42	122	94
New Jersey	1,046	5 479	320	5 134	9	20	35
Pennsylvania	4,170	5 1,130	1,006	5 300	16	108	102
East North Central	16,729	5 8,423	4,252	5 740	92	243	178
Ohio	3,024	739	1,113	171	9	58	53
Indiana	1,896	320	749	60	6	36	17
Illinois	3,582	1,029	7 031	180	20	85	65
Michigan	4,035	696	893	224	24	35	23
Wisconsin	4,192	5 630	566	5 105	33	29	20
West North Central	5 20,817	5 1,886	5 3,765	5 474	97	151	109
Minnesota	3,369	467	612	96	15	28	17
Iowa	3,806	356	762	128	19	31	24
Missouri	5 2,500	5 450	5 640	5 110	14	45	22
North Dakota	1,411	64	352	22	11	1	9
South Dakota	3,583	80	266	29	7	9	7
Nebraska	3,500	242	453	49	10	13	10
Kansas	2,048	227	680	40	21	24	20
South Atlantic	11,477	5 1,096	3,634	387	103	203	133
Delaware	146	35	55	15	2	2	6
Maryland	810	304	258	84	17	22	17
District of Columbia	131	59	41	32	3	24	4
Virginia	1,888	79	401	75	8	33	28
West Virginia	2,471	59	372	26	11	9	15
North Carolina	2,019	62	900	41	16	44	30
South Carolina	1,003	46	416	19	6	25	12
Georgia	1,682	5 56	508	35	21	28	12
Florida	1,327	336	533	60	19	16	9
East South Central	8,761	532	2,857	225	49	107	42
Kentucky	2,743	257	434	87	8	31	13
Tennessee	2,507	92	525	46	7	39	12
Alabama	2,173	128	1,202	49	9	19	10
Mississippi	1,338	60	606	43	25	18	7
West South Central	7,968	5 798	4,067	5 294	92	82	47
Arkansas	1,115	62	690	27	8	11	6
Louisiana	1,207	233	659	100	10	12	6
Oklahoma	1,860	93	930	47	23	11	8
Texas	3,780	5 410	1,888	5 120	51	48	27
Mountain	4,875	5 532	5 1,423	5 155	48	22	16
Montana	1,513	61	193	20	8	3	3
Idaho	420	46	215	10	5	3	1
Wyoming	400	10	123	6	5		
Colorado	885	5 110	5 385	23	13	8	5
New Mexico	506	102	173	32	7	2	1
Arizona	519	166	92	47	5	2	3
Utah	401	5 15	153	5 15	4	4	3
Nevada	171	13	45	2	1		
Pacific	7,186	5 1,001	1,710	5 350	103	108	41
Washington	1,166	104	455	50	15	12	10
Oregon	1,071	97	275	28	9	18	4
California	4,047	5 635	876	5 240	77	75	25
Alaska	130	18	45	7	1		
Hawaii	166	37	59	25	1	3	2
Puerto Rico	1,847	100	453	86	1	4	8
American Samoa	46	7	7				
Canal Zone	14	1	9				
Guam	21	5	3	7	1		
Virgin Islands	20	13	3	6			

¹ Excludes kindergarten. ² Comprises regular 4-year, junior, senior, and junior-senior high schools.

³ Comprises universities, colleges, professional schools, teachers colleges, and junior colleges.

⁴ October 1959.

⁵ Includes 9 U. S. Service Academies, not shown separately. ⁶ 1959 data.

No. 141. PUBLIC SCHOOLS—EXPENDITURE, BY STATES AND FOR OTHER AREAS: 1960

[In thousands of dollars, except averages per pupil]

STATE OR OTHER AREA	Total	CURRENT EXPENDITURE FOR DAY SCHOOLS		Other current expenditures ²	Capital outlay	Interest
		Amount	Per pupil ¹			
		12,329,389	375			
United States	15,613,255	12,329,389	375	132,566	32,661,786	489,514
New England	732,281	667,212	396	3,887	98,467	12,727
Maine	69,674	51,465	233	136	7,129	945
New Hampshire	41,114	33,185	347	46	6,993	893
Vermont	28,144	24,132	344	55	3,278	681
Massachusetts	368,007	324,408	409	2,187	42,311	-----
Rhode Island	53,035	48,686	413	162	2,157	2,031
Connecticut	231,407	185,336	430	1,301	36,594	8,177
Middle Atlantic	3,139,222	2,575,605	498	31,093	496,127	126,394
New York	1,742,717	1,383,706	562	21,921	271,272	85,818
New Jersey	503,007	450,413	488	3,499	116,780	10,314
Pennsylvania	707,493	732,486	409	5,675	38,073	41,202
East North Central	3,185,248	2,474,528	400	21,868	586,528	102,325
Ohio	709,653	632,932	365	4,199	134,857	27,565
Indiana	393,626	318,073	339	2,151	67,574	5,529
Illinois	940,734	663,840	438	2,119	147,856	32,910
Michigan	811,975	605,048	415	12,065	169,273	25,559
Wisconsin	532,900	254,626	413	1,304	66,998	10,002
West North Central	1,331,263	1,042,782	368	15,580	238,665	34,238
Minnesota	352,448	287,376	425	4,260	67,180	13,632
Iowa	235,678	197,703	368	1,687	30,703	5,430
Missouri	300,749	242,447	344	2,527	47,568	8,206
North Dakota	59,604	40,254	307	75	12,206	1,158
South Dakota	53,855	47,306	347	47	5,142	768
Nebraska	112,836	87,682	337	964	21,449	2,743
Kansas	216,003	153,346	348	6,030	51,327	2,301
South Atlantic	1,819,746	1,444,320	282	16,374	313,766	45,288
Delaware	55,067	33,425	456	38	20,082	1,221
Maryland	280,550	209,606	393	3,180	63,293	10,472
District of Columbia	52,762	45,017	431	1,317	5,818	-----
Virginia	206,942	207,390	274	1,756	52,731	5,050
West Virginia	122,434	108,673	258	676	11,286	1,750
North Carolina	294,744	288,059	287	1,128	47,737	7,820
South Carolina	136,630	116,939	220	1,020	14,445	4,275
Georgia	236,764	208,096	253	2,643	20,042	5,933
Florida	367,207	276,506	318	4,607	77,432	8,602
East South Central	702,651	578,370	232	5,968	101,437	16,873
Kentucky	148,236	128,058	233	903	3,882	11,293
Tennessee	214,459	175,152	238	562	37,229	5,151
Alabama	191,165	171,130	241	300	18,451	1,280
Mississippi	148,791	100,020	206	4,113	41,972	2,785
West South Central	1,342,009	1,071,056	325	6,090	216,204	48,659
Arkansas	100,543	83,896	225	247	13,013	2,462
Louisiana	298,618	230,402	372	2,773	53,008	11,534
Oklahoma	185,751	151,181	311	436	31,066	3,069
Texas	757,092	605,577	332	2,634	117,287	31,594
Mountain	711,630	536,708	376	4,330	152,431	18,160
Montana	64,021	54,079	411	185	7,501	2,250
Idaho	52,527	42,719	250	-----	8,498	1,309
Wyoming	46,844	32,175	450	-----	13,701	905
Colorado	189,508	186,760	366	2,012	44,033	5,802
New Mexico	88,902	73,396	363	315	14,129	1,663
Arizona	130,697	104,064	404	-----	32,024	3,619
Utah	97,490	69,755	322	781	25,169	1,785
Nevada	32,641	23,770	430	157	7,318	1,418
Pacific	2,589,208	1,838,808	458	27,377	548,171	84,854
Washington	310,303	239,089	420	6,277	63,343	10,705
Oregon	185,220	154,601	448	-----	26,996	3,542
California	2,021,625	1,481,908	424	4 10,860	451,170	63,738
Alaska	24,195	20,641	546	30	2,954	620
Hawaii	48,766	42,499	325	1,281	3,758	1,240
Puerto Rico	68,421	54,375	100	4,508	4,539	-----
Canal Zone	8,924	3,702	363	261	4,981	-----
Guam	4,675	3,020	236	160	1,495	-----
Virgin Islands	2,021	1,062	271	274	85	-----

¹ Per pupil in average daily attendance based on expenditures allocable to pupil costs.² Comprises community services, summer schools, community colleges (those operated by local school districts), and adult education.³ Total excludes \$161,000,000 expended by State and local schoolhousing authorities.⁴ Expenditures for summer schools, adult education, and community colleges, not separately shown, included with elementary and secondary schools, but omitted in computing expenditure per pupil.Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of State School Systems, 1960-61*.

No. 142. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS OF PERSONS 5 TO 34 YEARS OLD: 1961

[In thousands. As of October. Includes Alaska and Hawaii. See headnote, table 143]

TYPE	NUMBER ENROLLED				PERCENT ENROLLED			
	Kinder-garten	Elemen-tary school	High school	College or pro-fessional school	Kinder-garten	Elemen-tary school	High school	College or pro-fessional school
Total.....	2,299	30,718	10,959	3,731	100.0	100.0	100.0	100.0
Public.....	1,926	26,221	9,817	2,876	83.8	85.4	89.6	93.7
Private.....	373	4,497	1,141	1,354	16.2	14.6	10.4	36.3

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, and records.

No. 143. SCHOOL ENROLLMENT, BY AGE AND SEX: 1950, 1960, AND 1961

[In thousands. As of October. Beginning 1960, includes Alaska and Hawaii. Data relate to civilian noninstitutional population and are based on Current Population Survey; see Technical Note, p. 213. Figures for children 5 and 6 years old enrolled in school include those enrolled in kindergarten. See also *Historical Statistics, Colonial Times to 1957*, series H 383-394.]

YEAR AND AGE	TOTAL			MALE			FEMALE		
	Popula-tion	Enrolled		Popula-tion	Enrolled		Popula-tion	Enrolled	
		Number	Per-cent		Number	Per-cent		Number	Per-cent
1950									
Total, 5 to 34.....	68,570	1 30,276	44.2	38,355	1 15,834	47.5	35,215	1 14,442	41.0
5 years.....	2,726	1,410	51.7	1,390	717	51.6	1,336	608	51.9
6 years.....	2,731	2,649	97.0	1,390	1,386	96.1	1,341	1,313	97.9
7 to 9 years.....	7,891	7,803	98.9	4,012	3,963	98.8	3,870	3,840	99.0
10 to 13 years.....	8,082	8,852	98.6	4,565	4,506	98.7	4,417	4,346	98.4
14 to 17 years.....	8,351	6,953	88.3	4,200	3,541	84.3	4,151	3,412	82.2
18 and 19 years.....	4,041	1,190	29.4	1,893	667	35.2	2,148	623	24.3
20 to 24 years.....	10,677	950	9.0	4,873	692	14.2	5,804	267	4.6
25 to 29 years.....	11,861	358	3.0	5,623	332	5.9	6,238	26	0.4
30 to 34 years.....	11,310	1 100	10.9	5,409	1 70	1 1.5	5,901	1 21	1 0.4
1960									
Total, 5 to 34.....	82,049	46,259	56.4	40,372	24,234	60.0	41,677	22,025	52.8
5 years.....	4,028	2,561	63.7	2,055	1,317	64.1	1,068	1,244	63.2
6 years.....	3,956	3,877	98.0	2,020	1,975	97.8	1,036	1,902	98.2
7 to 9 years.....	11,325	11,281	99.6	5,780	5,759	99.6	5,545	5,522	99.6
10 to 13 years.....	14,419	14,340	99.5	7,362	7,315	99.4	7,057	7,025	99.5
14 to 17 years.....	11,341	10,242	90.3	5,744	5,248	91.4	5,597	4,994	89.2
18 and 19 years.....	4,733	1,817	38.4	2,221	1,063	47.8	2,512	764	30.0
20 to 24 years.....	10,330	1,350	13.1	4,710	636	19.9	5,620	414	7.4
25 to 29 years.....	10,423	514	4.9	4,960	415	8.4	5,463	90	1.8
30 to 34 years.....	11,499	278	2.4	5,520	206	3.7	5,970	72	1.2
1961									
Total, 5 to 34.....	83,921	47,707	56.8	41,323	24,943	60.4	42,599	22,764	53.4
5 years.....	4,007	2,715	66.3	2,001	1,400	67.0	2,006	1,315	65.6
6 years.....	4,027	3,923	97.4	2,057	2,002	97.3	1,970	1,921	97.5
7 to 9 years.....	11,601	11,530	99.4	5,928	5,893	99.5	5,879	5,637	99.3
10 to 13 years.....	14,372	14,271	99.3	7,333	7,274	99.2	7,039	6,997	99.4
14 to 17 years.....	12,217	11,161	91.4	6,190	5,705	92.2	6,028	5,458	90.5
18 and 19 years.....	5,140	1,952	38.0	2,407	1,170	48.6	2,732	782	28.6
20 to 24 years.....	10,600	1,400	13.7	4,904	988	20.1	5,786	479	8.3
25 to 29 years.....	10,428	456	4.4	4,966	351	7.1	5,463	105	1.9
30 to 34 years.....	11,349	230	2.0	5,452	160	2.9	5,807	70	1.2

¹ Estimated.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 66, and records.

School Enrollment

115

No. 144. PERCENT OF POPULATION ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1960 AND 1961

(As of October. Includes Alaska and Hawaii. See headnote, table 143)

AGE	1960						1961					
	Total		Male		Female		Total		Male		Female	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
Total, 5 to 34	56.4	55.9	60.3	58.3	52.7	53.7	56.9	56.8	60.4	60.0	53.4	53.8
5 and 6 years-----	82.0	73.3	82.3	71.8	81.6	74.9	82.2	70.1	82.6	78.7	81.7	70.5
7 to 13 years-----	99.6	99.1	99.6	99.0	99.6	99.2	99.5	98.2	99.5	98.0	99.5	98.3
14 to 17 years-----	99.8	86.8	91.7	88.5	89.8	85.2	92.0	86.9	92.7	88.6	91.3	85.1
18 and 19 years-----	38.9	34.0	40.5	36.0	29.7	32.2	39.0	30.6	40.6	41.7	29.7	20.6
20 to 24 years-----	13.9	7.5	21.5	9.4	7.6	5.9	14.4	9.1	21.4	11.8	8.5	6.7
25 to 29 years-----	5.2	2.9	8.9	3.9	1.8	2.1	4.6	2.4	7.5	4.0	2.1	1.0
30 to 34 years-----	2.6	1.0	4.0	1.0	1.2	1.0	2.1	1.1	3.1	1.0	1.3	0.4

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 110 and 118, and records.

No. 145. PROJECTIONS OF SCHOOL ENROLLMENT, BY SEX AND LEVEL OF SCHOOL: 1965 TO 1980

[In thousands. As of the fall of the year. Beginning 1960, includes Alaska and Hawaii. The 4 series shown represent projections based on different combinations of assumptions about population and enrollment rates. Population series II and III are based on the following assumptions as to fertility: II—1955-57 level continues to 1975-80; III—1955-57 level declines to 1949-51 level by 1965-70, then remains at that level to 1975-80. Enrollment series A and C are based on the following assumptions: A—age-specific enrollment rates will continue to increase but the average annual rate of increase will be one-half the average annual rate of change between 1950-52 and 1957-59 by 1968 and level off by 1975 to 1980; C—average annual enrollment rates for 1957-59 will remain constant to 1980. Projections based on other assumptions, and more detailed methodology, are given in the source report.]

YEAR AND SERIES	TOTAL				MALE				FEMALE			
	Total enrolled	Elementary school and kindergarten	High school (grades 9 to 12)	College and university	Total enrolled	Elementary school and kindergarten	High school (grades 9 to 12)	College and university	Total enrolled	Elementary school and kindergarten	High school (grades 9 to 12)	College and university
SURVEY ESTIMATES												
1950-----	30,276	21,406	6,656	2,214	15,859	11,000	3,344	1,515	14,417	10,406	3,312	699
1955-----	37,426	27,086	7,981	2,379	19,573	13,968	4,026	1,870	17,853	13,117	3,936	800
1960-----	46,250	32,441	10,240	3,570	24,234	16,711	5,184	2,330	22,028	15,730	5,095	1,231
PROJECTIONS												
Series II-A:												
1965-----	54,360	35,755	13,226	5,379	28,718	18,400	6,800	3,509	25,642	17,346	6,426	1,870
1970-----	60,344	38,430	14,894	7,020	32,105	19,706	7,662	4,647	28,239	18,634	7,232	2,373
1975-----	66,721	42,411	15,985	8,325	35,661	21,851	8,243	5,587	31,060	20,500	7,742	2,758
1980-----	75,102	48,696	17,388	9,018	40,122	25,086	8,905	6,071	34,980	23,610	8,423	2,947
Series II-C:												
1965-----	52,488	35,402	12,711	4,375	27,587	18,227	6,502	2,858	24,001	17,175	6,209	1,517
1970-----	57,286	37,915	14,110	5,261	30,248	19,520	7,213	3,506	27,038	18,387	6,897	1,755
1975-----	62,834	41,764	15,042	6,028	33,275	21,516	7,703	4,056	29,559	20,248	7,340	1,972
1980-----	70,828	47,936	16,385	6,507	37,494	24,695	8,389	4,410	33,334	23,241	7,996	2,097
Series III-A:												
1965-----	54,360	35,755	13,226	5,379	28,718	18,400	6,800	3,509	25,642	17,346	6,426	1,870
1970-----	58,740	38,824	14,805	7,021	31,286	18,975	7,663	4,648	27,454	17,849	7,232	2,373
1975-----	61,862	37,558	15,777	8,327	33,079	19,306	8,145	5,568	28,583	18,192	7,632	2,759
1980-----	66,291	41,797	15,678	8,310	36,583	21,538	8,004	5,051	30,708	20,250	7,584	2,865
Series III-C:												
1965-----	52,488	35,402	12,711	4,375	27,587	18,227	6,502	2,858	24,001	17,175	6,209	1,517
1970-----	55,731	36,360	14,110	5,261	29,488	18,739	7,213	3,506	26,273	17,621	6,897	1,755
1975-----	57,870	37,001	14,838	6,031	30,742	19,078	7,600	4,058	27,128	17,923	7,232	1,973
1980-----	62,244	41,151	14,762	6,341	33,077	21,203	7,502	4,312	29,167	19,948	7,190	2,029

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-25, No. 232, and records.

No. 146. RETENTION RATE PER 1,000 STUDENTS ATTENDING SCHOOL FROM FIFTH GRADE THROUGH FIRST YEAR OF COLLEGE: 1939-1947 TO 1951-1959
 [Excludes Alaska and Hawaii]

GRADE OR YEAR	STUDENT BODY OF—												
	1939 to 1947	1940 to 1948	1941 to 1949	1942 to 1950	1943 to 1951	1944 to 1952	1945 to 1953	1946 to 1954	1947 to 1955	1948 to 1956	1949 to 1957	1950 to 1958	1951 to 1959
Elementary: Fifth ¹	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Sixth.....	956	963	968	952	954	972	952	950	954	971	984	984	981
Seventh.....	908	916	910	905	909	914	929	944	946	948	956	967	968
Eighth.....	853	846	836	834	847	870	858	875	919	910	920	918	921
High school: I.....	700	781	781	780	807	827	848	872	872	858	803	874	886
II.....	655	673	697	698	713	745	748	760	775	748	795	807	809
III.....	532	552	560	581	604	630	650	662	641	670	706	698	709
IV.....	444	476	507	514	530	557	549	552	583	594	619	614	632
Graduates.....	419	450	481	488	505	524	522	524	553	559	581	574	582
Year of graduation.....	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
College: I.....	(2)	(2)	(2)	(2)	205	218	234	266	283	286	301	303	308

¹ Fourth grade in 11-grade system; fifth grade in 12-grade system.

² Lack of detailed information regarding veteran students makes impossible the calculation of retention rates.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter 1, *Statistical Summary of Education*.

No. 147. SCHOOL ENROLLMENT, BY LEVEL OF SCHOOL, BY AGE, COLOR, AND SEX: 1961
 [In thousands. As of October. Includes Alaska and Hawaii. See headnote, table 143]

AGE AND SEX	WHITE				NONWHITE			
	Total enrolled	Elemen- tary school or kinder- garten	High school	College or pro- fessional school	Total enrolled	Elemen- tary school or kinder- garten	High school	College or pro- fessional school
Total, 5 to 34 years.....	41,497	28,262	9,737	3,498	6,210	4,755	1,222	233
5 to 13 years.....	27,906	27,426	480	—	4,533	4,464	69	—
14 to 17 years.....	9,847	833	8,810	204	1,314	284	1,021	9
18 to 24 years.....	3,102	2	416	2,684	319	7	127	185
25 to 34 years.....	642	1	31	610	44	—	5	30
Male, 5 to 34 years.....	21,768	14,662	4,898	2,208	3,175	2,412	615	148
5 to 13 years.....	14,207	14,101	196	—	2,273	2,252	21	—
14 to 17 years.....	5,036	500	4,397	79	607	160	502	5
18 to 24 years.....	1,958	—	280	1,660	201	—	89	112
25 to 34 years.....	477	1	16	400	34	—	3	31
Female, 5 to 34 years.....	19,729	13,600	4,839	1,290	3,035	2,343	607	85
5 to 13 years.....	13,009	13,325	284	—	2,260	2,212	48	—
14 to 17 years.....	4,811	273	4,413	125	647	124	519	4
18 to 24 years.....	1,144	2	127	1,015	118	7	38	73
25 to 34 years.....	165	—	15	150	10	—	2	8

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20.

Years of School Completed

117

 No. 148. PERSONS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED,
BY COLOR AND SEX: 1940 TO 1960

[In thousands. As of April. Beginning 1960, includes Alaska and Hawaii. 1950 statistics are estimates based on 20-percent sample of persons; 1960, on 25-percent sample of households; see source for sampling variability. See also *Historical Statistics, Colonial Times to 1957*, series H 305, for medians.]

YEAR AND SEX	Population, 25 years and over ¹	YEARS OF SCHOOL COMPLETED							Median school years com- pleted ³	
		Elementary school			High school		College			
		Less than 5 years ²	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more		
1940										
Total.....	74,776	10,105	13,656	20,757	11,182	10,552	4,075	3,407	8.6	
Percent.....	100.0	13.5	18.3	27.8	15.0	14.1	5.4	4.6	-----	
Male.....	37,463	5,550	7,008	10,631	5,333	4,507	1,824	2,021	8.6	
Female.....	37,313	4,554	6,048	10,125	5,849	6,044	2,251	1,386	8.7	
White.....	68,000	7,922	11,662	19,967	10,604	10,265	3,949	3,320	8.7	
Percent.....	100.0	10.8	17.2	29.4	15.6	15.1	5.8	4.9	-----	
Male.....	34,114	4,035	6,086	10,258	5,090	4,381	1,770	1,975	8.7	
Female.....	33,886	3,287	5,576	9,708	5,514	5,874	2,179	1,344	8.8	
Nonwhite.....	6,776	2,782	1,994	790	578	296	127	88	5.8	
Percent.....	100.0	41.1	29.4	11.7	8.5	4.4	1.9	1.3	-----	
Male.....	3,349	1,616	922	373	243	126	54	46	5.4	
Female.....	3,427	1,267	1,072	417	335	170	72	42	0.2	
1950										
Total.....	87,483	9,446	13,911	17,706	14,801	17,684	6,259	5,285	9.3	
Percent.....	100.0	10.8	15.9	20.2	16.9	20.2	7.2	6.0	-----	
Male.....	42,628	5,053	6,994	8,822	6,976	7,511	2,903	3,027	9.0	
Female.....	44,855	4,393	6,017	8,884	7,824	10,153	3,356	2,258	9.6	
White.....	79,339	6,884	11,692	16,770	13,738	17,005	6,020	5,108	9.7	
Percent.....	100.0	8.7	14.7	21.1	17.3	21.4	7.6	6.4	-----	
Male.....	38,684	3,650	5,970	8,306	6,519	7,227	2,793	2,046	9.3	
Female.....	40,655	3,225	5,722	8,374	7,219	9,778	3,227	2,102	10.1	
Nonwhite.....	8,145	2,562	2,219	936	1,062	659	239	177	6.8	
Percent.....	100.0	31.5	27.2	11.5	13.0	8.1	2.9	2.2	-----	
Male.....	3,945	1,394	1,024	426	458	284	110	81	6.4	
Female.....	4,200	1,168	1,195	510	606	375	129	96	7.2	
1960										
Total.....	99,438	8,903	13,754	17,443	19,116	24,455	8,742	7,625	10.6	
Male.....	47,931	4,506	7,019	8,516	8,973	10,154	4,123	4,639	10.3	
Female.....	51,508	3,796	6,735	8,027	10,143	14,301	4,619	2,986	10.0	
White.....	89,581	5,989	11,451	16,179	17,274	23,100	8,311	7,278	10.9	
Percent.....	100.0	6.7	12.8	18.1	19.3	25.8	9.3	8.1	-----	
Nonwhite.....	9,857	2,314	2,303	1,264	1,842	1,356	431	347	8.2	
Percent.....	100.0	23.5	23.4	12.8	18.7	13.8	4.4	3.5	-----	

¹ For 1940 and 1950, includes persons not reporting years of school completed, not shown separately here; for 1960, persons not reporting years of school completed were assigned values for that item, as explained in source.

² Includes persons reporting no school years completed.

³ Medians computed on basis of unrounded data on years of school completed.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, Part 1, and *1960*, Vol. I, Chapter C.

**No. 149. YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER,
BY STATES AND FOR PUERTO RICO: 1960**

[Population in thousands. Based on 25-percent sample; see source for sampling variability. For definition of median, see table 18.]

STATE OR OTHER AREA	Popula- tion 25 years old and over	YEARS OF SCHOOL COMPLETED						MEDIAN SCHOOL YEARS COMPLETED					
		Elementary school			High school		College	All classes		White	Non- white		
		Less than 5 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	Total	Male	Female		
U.S.	99,438	8,303	13,754	17,443	19,116	24,455	8,742	7,625	-----	-----	-----	-----	
N.E.	6,083	359	726	1,076	1,212	1,659	543	508	11.0	10.5	11.5	11.0	10.7
Maine	534	25	59	110	109	156	46	29	10.9	10.5	11.3	10.9	11.7
N.H.	345	15	41	76	65	94	30	25	10.9	10.0	11.6	10.9	10.5
Vt.	213	8	23	51	40	55	20	16	10.9	10.0	11.6	10.9	10.5
Mass.	3,011	180	342	408	604	860	282	265	11.6	11.3	11.8	11.6	10.3
R.I.	498	37	81	93	113	109	33	33	10.0	10.0	10.0	10.0	9.5
Conn.	1,482	93	180	278	281	377	131	141	11.0	10.8	11.3	11.1	9.1
M.A.	20,330	1,489	2,645	3,918	4,156	5,003	1,489	1,630	-----	-----	-----	-----	-----
N.Y.	10,124	785	1,184	1,907	2,111	2,431	804	902	10.7	10.6	10.7	10.8	9.4
N.J.	3,000	251	489	661	734	885	277	303	10.6	10.6	10.7	10.8	8.8
Pa.	6,606	453	972	1,350	1,311	1,687	407	426	10.2	10.0	10.4	10.3	8.9
E.N.C.	20,128	1,141	2,420	4,192	4,081	5,273	1,632	1,390	-----	-----	-----	-----	-----
Ohio	5,378	292	661	1,025	1,144	1,499	412	375	10.9	10.6	11.1	11.0	9.1
Ind.	2,550	124	309	534	517	716	190	160	10.8	10.5	11.0	10.9	9.0
Ill.	5,808	365	683	1,272	1,141	1,421	502	425	10.5	10.4	10.6	10.7	9.0
Mich.	4,217	244	494	818	938	1,097	341	286	10.8	10.4	11.1	11.0	9.1
Wis.	2,175	115	272	543	342	570	188	146	10.4	9.8	10.9	10.4	9.0
W.N.C.	8,569	404	975	2,138	1,376	2,267	826	583	-----	-----	-----	-----	-----
Minn.	1,845	74	195	486	279	480	192	138	10.8	9.9	11.6	10.8	9.9
Iowa	1,641	46	104	374	243	467	148	90	11.3	10.4	12.0	11.3	9.5
Mo.	2,493	176	359	624	422	734	194	155	9.6	9.3	9.9	9.8	8.7
N. Dak.	324	19	40	99	40	71	37	18	9.3	8.9	10.8	9.3	8.4
S. Dak.	360	15	35	107	51	90	41	21	10.4	9.0	11.6	10.5	8.6
Nebri.	791	29	68	183	134	240	84	54	11.6	10.9	12.0	11.7	9.6
Kans.	1,216	45	114	265	206	356	131	90	11.7	11.2	12.0	11.8	9.0
S.A.	13,785	1,790	2,787	1,662	2,501	2,885	1,114	1,046	-----	-----	-----	-----	-----
Del.	246	16	82	38	53	61	20	25	11.1	10.8	11.3	11.6	8.4
Md.	1,693	130	331	233	322	385	135	157	10.4	10.2	10.6	11.0	8.1
D.C.	461	33	65	54	89	101	54	66	11.7	11.3	11.9	12.4	9.8
Va.	2,083	274	482	178	360	432	183	175	9.0	9.2	10.5	10.8	7.2
W. Va.	1,000	110	195	235	155	191	62	52	8.8	8.7	8.9	8.8	8.4
N.C.	2,307	380	576	215	392	436	163	145	8.9	8.5	9.5	9.8	7.0
S.O.	1,136	231	262	102	196	193	74	78	8.7	8.4	9.1	10.3	5.9
Ga.	2,015	355	456	191	360	371	147	126	9.0	8.8	9.3	10.3	6.1
Fla.	2,845	261	389	417	568	714	276	222	10.9	10.6	11.1	11.6	7.0
E.S.C.	6,267	978	1,269	1,070	1,091	1,109	401	338	-----	8.5	8.8	8.7	8.2
Ky.	1,610	228	312	391	240	266	90	79	8.7	8.5	8.8	8.7	8.2
Tenn.	1,912	282	384	353	312	348	128	105	8.8	8.6	9.0	9.0	7.5
Ala.	1,670	273	370	180	340	310	101	95	9.1	8.9	9.3	10.2	6.5
Miss.	1,085	201	202	146	199	184	73	59	8.9	8.6	9.3	11.0	6.0
W.S.C.	8,934	1,281	1,557	1,108	1,664	1,875	788	662	-----	-----	-----	-----	-----
Ark.	964	148	183	174	180	172	60	46	8.9	8.7	9.1	9.5	6.5
La.	1,639	349	339	162	260	310	110	110	8.8	8.6	9.0	10.5	6.0
Okla.	1,300	112	193	232	237	298	126	102	10.4	10.1	10.7	10.7	8.6
Tex.	5,031	672	842	540	987	1,095	491	403	10.4	10.1	10.7	10.8	8.1
Mt.	3,497	215	317	559	667	982	431	327	-----	-----	-----	-----	-----
Mont.	356	15	33	77	61	100	43	27	11.6	10.7	12.1	11.7	8.7
Idaho	340	11	26	69	70	98	42	24	11.8	11.2	12.1	11.8	9.6
Wyo.	174	6	14	30	33	54	21	15	12.1	11.6	12.2	12.1	9.3
Colo.	941	44	82	158	168	272	116	101	12.1	11.9	12.1	12.1	11.2
N. Mex.	445	54	54	64	81	110	48	43	11.2	11.0	11.5	11.5	7.1
Ariz.	661	66	72	98	124	167	75	60	11.3	11.0	11.6	11.7	7.0
Utah	419	12	26	53	95	128	63	43	12.2	12.2	12.2	12.2	10.1
Nev.	160	6	11	22	35	51	21	13	12.1	12.0	12.2	12.2	8.8
Pac.	11,856	647	1,058	1,720	2,368	3,403	1,518	1,142	-----	-----	-----	-----	-----
Wash.	1,577	54	131	271	308	482	184	147	12.1	11.8	12.1	12.1	10.5
Oreg.	996	33	88	191	202	286	112	84	11.8	11.2	12.1	11.8	9.9
Calif.	8,899	505	795	1,212	1,788	2,510	1,186	873	12.1	12.0	12.1	12.1	10.5
Alaska	105	9	8	11	20	34	13	10	12.1	12.1	12.2	12.4	6.6
Hawaii	309	46	36	85	49	92	23	28	11.3	11.0	11.6	12.4	9.9
Puerto Rico..	2,925	505	151	60	67	69	37	33	4.6	4.8	4.3	-----	-----

¹ Includes persons reporting no school years completed.

² Includes persons not reporting years of school completed, not shown separately here.

No. 150. LIFETIME AND ANNUAL MEAN INCOME OR EARNINGS OF MALES 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED: 1939 TO 1958

(Excludes Alaska and Hawaii. Data not directly comparable for all years shown due to minor differences in concepts and coverage. Figures for lifetime income or earnings are based on the application of appropriate life tables to the arithmetic mean income, by age, as obtained for a cross section of the population in each year shown. Figures for annual mean income for 1939 and 1949 are based on census of population data and, for 1946, 1956, and 1958, on Current Population Survey. See Technical Note, p. 213.)

YEARS OF SCHOOL COMPLETED	LIFETIME INCOME			ANNUAL MEAN INCOME				
	1946 ¹	1949	1958	1939 ²	1946 ¹	1949	1956	1958
Elementary:								
Total	\$87,004	\$104,908	\$143,808	\$1,036	\$2,041	\$2,304	\$3,107	\$3,096
Less than 8 years ³	74,369	91,095	120,965	(4)	1,738	2,062	2,618	2,551
8 years	98,702	122,787	169,976	(4)	2,327	2,829	3,732	3,769
High school:								
1 to 3 years	107,940	141,870	198,881	1,370	2,449	3,226	4,480	4,618
4 years	135,852	174,740	241,844	1,661	2,939	3,784	5,439	5,567
College:								
1 to 3 years	161,609	201,938	305,395	1,981	3,654	4,423	6,363	6,966
4 years or more	201,731	286,833	419,871	2,607	4,527	6,179	8,490	9,206

¹ Total money earnings.

² Represents native white and Negro males 25 to 64 years old only and reporting \$1 or more of wage or salary income and less than \$50 of other income.

³ Includes persons reporting no years of school completed. ⁴ Not available.

Source: American Economic Association; *The American Economic Review*, December 1960.

No. 151. SCHOOL LEAVERS—SCHOOL EXPERIENCE, EARLY EMPLOYMENT EXPERIENCE, AND LEVEL OF MENTAL ABILITY: 1952-57

[Percent distribution. School leavers are high school graduates who did not go on to college or other formal training immediately after graduation, and students who dropped out of junior or senior high school before graduation from high school. Based on 7 surveys (1 in the summer of 1956; 6 in the summer of 1957) conducted at least 1 year after graduation or after dropping out. The 7 geographic areas covered by the surveys are not necessarily representative of the United States]

CHARACTERISTICS	DROPOUTS		HIGH SCHOOL GRADUATES		CHARACTERISTICS	DROPOUTS		HIGH SCHOOL GRADUATES						
	Male	Female	Male	Female		Male	Female	Male	Female					
SCHOOL EXPERIENCE¹														
Age at date of leaving school														
Under 16 years														
100	100	100	100	100	EMPLOYMENT EXPERIENCE⁴—Continued									
9	12	(2)	(2)		Weeks required to find regular job⁵—Continued									
16 years	32	38	(2)	1	10 to 13 weeks									
17 years	28	28	8	11	14 weeks and over									
18 years	18	15	59	68	Percent unemployed at time of interview									
19 years	6	4	24	16	6									
20 years and over	7	5	9	4	19									
Highest grade completed														
Seventh														
100	100	-----	-----	-----	Regular jobs of those employed at time of interview									
5	4	-----	-----	-----	100									
Eighth														
25	24	-----	-----	-----	100									
Ninth														
30	29	-----	-----	-----	100									
Tenth														
18	23	-----	-----	-----	100									
Eleventh														
19	18	-----	-----	-----	100									
EMPLOYMENT EXPERIENCE⁴														
Income (weekly wages)														
Less than \$30														
100	100	100	100	100	Employment experience—Continued									
5	21	2	6	-----	Weeks required to find regular job⁵—Continued									
\$30 to \$49														
39	61	13	44	-----	10 to 13 weeks									
\$50 to \$69														
24	13	35	45	-----	14 weeks and over									
\$70 to \$80														
22	4	34	5	-----	Percent unemployed at time of interview									
\$90 and over														
10	(2)	16	(2)	-----	6									
Weeks required to find regular job⁵														
Under 1 week														
100	100	100	100	100	Regular jobs of those employed at time of interview									
39	41	51	52	55	100									
1 to 3 weeks														
31	38	23	25	25	100									
4 to 9 weeks														
12	11	13	12	115 and over	100									
LEVEL OF MENTAL ABILITY														
Intelligence quotient (I.Q.)⁶														
Under 85														
32	28	12	8	-----	100									
85 to 89														
15	15	11	11	-----	100									
90 to 109														
47	50	62	64	-----	100									
110 to 114														
4	5	8	9	-----	100									
115 and over														
2	2	7	8	-----	100									

¹ Based on survey of all school leavers in the 7 areas (approximately 22,000).

² Less than 0.5 percent.

³ Includes "ungraded". This classification was used by only 1 area and is defined as students who failed to earn promotion for 2 years.

⁴ Based on sample of approximately 4,000 school leavers in the 7 areas.

⁵ Includes "not reported".

⁶ Based on Otis Mental Ability Group Test in 4 areas and on Terman-McNamara in 1 other; data for other areas not available. A quotient of 85 is the point below which successful completion of most high school subjects is regarded by educational authorities as generally difficult, since useful reading ability is not usually acquired below this point. Those with I.Q.'s between 85 and 89 are usually slow learners; 90 to 109 represents the normal range; and 110 or above is regarded by educators as the level of ability needed for college work.

Note: The 7 geographic areas surveyed were: Vanderburgh County, Ind.; Phoenix, Ariz.; Saginaw, Mich.; Port Huron, Mich.; Utica, N.Y.; Harrison County, W. Va.; and Providence, R.I.

Source: Department of Labor, Bureau of Labor Statistics; *School and Early Employment Experience of Youth—A Report on Seven Communities, 1952-57*, Bulletin No. 1277, August 1960.

Education

No. 152. EDUCATIONAL ATTAINMENT FOR PERSONS 25 YEARS OLD AND OVER, BY SEX: 1960 AND PROJECTIONS TO 1980

[In thousands. As of spring of year. Excludes Alaska and Hawaii. Data based on projected age-grade specific attainment rates from the 1950 Census and Current Population Survey of October 1952 and March 1957. Series A and B in 1970 and 1980 imply the following assumptions regarding trends in educational attainment: A—continuation of short-term past trends in attainment of younger adult age groups; B—continuation of long-term past trends in attainment of younger adult age groups. Figures are based on projections of population as published in Series P-25, No. 187.]

DATE AND SEX	Popula-tion 25 years old and over	YEARS OF SCHOOL COMPLETED							Median school years com- pleted	
		Elementary school			High school		College			
		None	1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years		
Total: 1960-----	99,042	1,771	6,255	13,362	17,110	18,701	26,147	8,167	7,522	
1970—Series A-----	110,033	1,350	5,003	11,404	14,504	21,913	35,427	10,288	10,073	
Series B-----	110,033	1,374	5,042	11,650	14,861	22,133	34,986	10,123	9,836	
1980—Series A-----	130,783	1,101	4,002	9,471	11,987	26,104	49,804	13,800	14,367	
Series B-----	130,783	1,156	4,200	10,078	12,718	27,132	48,702	13,164	13,636	
Male: 1960-----	47,844	870	3,873	6,644	8,552	8,891	11,010	3,955	4,535	
1970—Series A-----	52,578	650	2,682	5,598	7,201	10,327	14,720	5,175	6,216	
Series B-----	52,578	637	2,707	5,691	7,311	10,689	14,306	5,073	6,063	
1980—Series A-----	62,547	590	2,219	4,619	5,893	12,361	26,576	7,250	9,080	
Series B-----	62,547	678	2,306	4,832	6,263	13,451	19,590	6,843	8,585	
Female: 1960-----	51,193	892	2,882	6,718	8,567	9,810	15,131	4,212	2,987	
1970—Series A-----	57,455	702	2,321	5,806	7,363	11,986	20,707	5,113	3,862	
Series B-----	57,455	707	2,335	5,959	7,550	11,464	20,690	5,050	3,803	
1980—Series A-----	68,236	551	1,843	4,851	6,095	18,833	29,228	6,550	5,287	
Series B-----	68,236	578	1,894	5,146	6,455	18,081	29,112	6,321	5,051	

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 91.

No. 153. ILLITERACY OF PERSONS 14 YEARS OLD AND OVER, BY AGE, COLOR, SEX, AND RESIDENCE: 1947 AND 1959

[In thousands. As of October 1947 and March 1959. Excludes Alaska and Hawaii. Data relate to civilian non-institutional population based on Current Population Survey. Persons unable to both read and write in any language were classified as illiterate. Information on illiteracy was obtained in 1959 only for persons completing less than 6 years of school, and in 1947 only for persons completing less than 5 years of school. Persons completing more than that amount were classified as being literate. See also *Historical Statistics, Colonial Times to 1957*, series II 407-411.]

AGE, SEX, AND RESIDENCE	1947				1959				Percent illit- erate by color	
	Popu- lation	Illiterate		Popu- lation	Illiterate		Popu- lation	Num- ber		
		Num- ber	Per- cent		White	Non- white				
Total, 14 and over-----	100,428	2,838	2.7	1,8	11.0	121,373	2,619	2.2	1.6 7.5	
14 to 24 years-----	24,257	232	1.0	0.6	4.4	25,118	144	0.6	0.5 1.2	
25 to 34 years-----	22,481	310	1.4	0.8	7.2	22,700	252	1.1	0.7 4.2	
35 to 44 years-----	10,898	420	2.1	1.3	9.7	23,443	323	1.4	0.9 6.1	
45 to 54 years-----	10,026	506	3.0	2.0	13.8	20,135	442	2.2	1.3 10.2	
55 to 64 years-----	12,652	692	5.2	4.2	19.1	15,070	487	3.2	2.3 13.0	
65 years and over-----	10,515	709	6.7	4.9	32.4	14,907	971	6.5	5.1 25.5	
Urban-----	64,900	1,207	2.0	(1)	(1)	75,599	1,295	1.7	1.3 5.0	
Rural nonfarm-----	22,028	539	2.4	(1)	(1)	31,215	687	2.2	1.6 11.5	
Rural farm-----	10,501	1,032	5.3	(1)	(1)	14,559	627	4.3	2.8 14.3	
Male, 14 and over-----	51,733	1,557	3.0	1.9	14.2	58,378	1,480	2.5	1.7 9.8	
14 to 24 years-----	11,706	158	1.3	(1)	(1)	12,063	100	0.8	0.7 1.7	
25 to 34 years-----	10,726	192	1.8	(1)	(1)	11,070	149	1.3	0.9 5.1	
35 to 44 years-----	9,717	292	2.7	(1)	(1)	11,416	214	1.9	1.1 9.1	
45 to 54 years-----	8,256	281	3.4	(1)	(1)	9,827	283	2.9	1.6 15.0	
55 to 64 years-----	6,344	318	5.0	(1)	(1)	7,282	265	3.7	2.5 16.5	
65 years and over-----	5,005	348	7.0	(1)	(1)	6,770	469	6.9	5.3 28.3	
Urban-----	30,851	600	1.9	(1)	(1)	35,480	629	1.8	1.2 6.3	
Rural nonfarm-----	10,770	309	2.9	(1)	(1)	15,306	426	2.8	2.0 14.3	
Rural farm-----	10,107	650	6.5	(1)	(1)	7,592	425	5.6	3.6 18.0	
Female, 14 and over-----	54,693	1,280	2.3	1.7	8.2	62,995	1,139	1.8	1.4 5.4	
14 to 24 years-----	12,550	74	0.6	(1)	(1)	13,055	44	0.3	0.3 0.7	
25 to 34 years-----	11,754	118	1.0	(1)	(1)	11,630	103	0.9	0.6 3.4	
35 to 44 years-----	10,181	158	1.6	(1)	(1)	12,027	109	0.9	0.6 3.5	
45 to 54 years-----	8,390	225	2.7	(1)	(1)	10,308	159	1.5	1.1 5.8	
55 to 64 years-----	6,308	344	5.5	(1)	(1)	7,838	222	2.8	2.2 9.0	
65 years and over-----	5,510	361	6.6	(1)	(1)	8,137	502	6.2	5.0 23.0	
Urban-----	34,049	677	2.0	(1)	(1)	40,110	666	1.7	1.4 3.8	
Rural nonfarm-----	11,250	230	2.0	(1)	(1)	15,909	271	1.7	1.2 8.8	
Rural farm-----	9,395	373	4.0	(1)	(1)	6,987	202	2.9	1.9 9.4	

¹ Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 45 and 99.

No. 154. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1900 TO 1960
 [Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 223-231, H 234-240, and H 246-261]

ITEM	1900	1920	1940	1950	1958	1960
ENROLLMENT (DAY SCHOOLS ONLY)						
Total population ¹1,000.....	75,995	104,512	130,880	148,665	170,205	170,323
Population 5-17 years, inclusive ¹do.....	21,573	27,556	30,150	30,168	40,164	43,881
Percent of total population.....	28.4	26.4	23.0	20.3	23.6	24.5
Pupils enrolled.....1,000.....	15,503	21,578	25,434	25,111	33,695	36,087
Percent of total population.....	20.4	20.6	19.4	16.9	19.7	20.1
Percent of population 5-17, inclusive.....	71.9	78.3	84.4	83.2	83.5	82.2
Average daily attendance.....1,000.....	10,633	16,150	22,042	22,284	20,722	32,477
Percent of pupils enrolled.....	68.6	74.8	86.7	88.7	88.6	90.0
Average length of term in days.....	144.3	161.9	175.0	177.0	177.6	178.0
Average number of days attended per enrolled pupil.....	99.0	121.2	151.7	157.9	157.4	160.2
INSTRUCTIONAL STAFF (DAY SCHOOLS ONLY)						
Total.....1,000.....		678	912	962	1,340	1,464
Classroom teachers ²do.....	423	657	875	914	1,267	1,387
Male.....do.....	127	83	195	195	342	402
Percent.....	29.9	14.1	22.2	21.3	27.0	29.0
Female.....1,000.....	296	565	681	719	926	985
Principals.....do.....		14	32	39	50	64
Supervisors or consultants.....do.....		7	5	9	14	14
REVENUE						
Total.....mil. dol.....	220	970	2,261	5,437	12,239	14,747
State taxes and appropriations.....do.....	38	134	659	2,123	4,621	5,459
Intermediate and local taxes and appropriations.....do.....	149	759	1,490	2,901	6,659	8,082
All other sources.....do.....	32	77	111	414	959	1,256
EXPENDITURE						
Total.....do.....	215	1,036	2,344	5,838	13,624	15,613
Current expenditure for day schools ³do.....	180	801	1,942	4,687	10,301	12,329
Other current expenditure ⁴do.....		3	13	36	123	133
Capitol outlay.....do.....	35	154	258	1,014	2,857	2,602
Interest.....do.....		18	131	101	343	490
In current dollars:						
Total expenditure:						
Salaries of total instructional staff.....do.....	138	590	1,314	2,896	6,401	7,671
Average annual salary per member.....						
of total instructional staff.....do.....	325	871	1,441	3,010	4,702	5,174
Per capita of total population.....do.....	2.83	9.91	17.01	30.27	79.68	87.07
Per pupil in average daily attendance						
In day schools ⁵do.....	20.21	64.16	105.74	258.85	448.62	472.17
Current expenditure per pupil in average daily attendance in day schools ⁶do.....	7 16.67	53.82	88.00	208.83	341.14	375.42
In 1960 dollars:						
Total expenditure:						
Average annual salary per member						
of total instructional staff.....do.....		1,343	3,030	3,735	4,884	5,174
Per capita of total population.....do.....		15.28	37.66	48.72	81.91	87.07
Per pupil in average daily attendance						
In day schools ⁵do.....		98.90	222.37	321.16	461.18	472.17
Current expenditure per pupil in average daily attendance in day schools ⁶do.....		82.19	185.26	259.10	350.60	375.42

¹ For 1900, unenumerated population as of June 1; for 1960, enumerated population as of April 1; for all other years, estimated as of July 1 of preceding year (1910, 1930, etc.). Excludes Armed Forces abroad.

² Includes librarians and other nonsupervisory instructional staff. Prior to 1940, figures represent number of persons employed rather than number of positions.

³ Through 1950, includes community services.

⁴ Comprises summer schools, community colleges, adult education, and, beginning 1958, community services.

⁵ Based on current expenditure allocable to pupil costs, capital outlay, and interest.

⁶ Based on expenditure allocable to pupil costs.

⁷ Includes interest.

Source (except for population statistics): Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapters on Statistics of State School Systems; and *Statistics of State School Systems, 1959-1960*.

Education

No. 155. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1940 TO 1960

[In thousands. Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 224-227]

SCHOOL AND GRADE	1940	1950	1952	1954	1956	1957	1958	1959	1960
Pupils enrolled-----	25,434	25,111	26,563	28,836	31,163	32,334	33,695	34,974	36,087
Kindergarten and grades 1 to 8-----									
Kindergarten-----	18,832	19,387	20,681	22,546	24,290	25,016	25,800	26,684	27,602
First-----	595	1,034	1,272	1,474	1,504	1,676	1,786	1,846	1,923
Second-----	3,018	3,170	2,957	3,060	3,495	3,491	3,604	3,692	3,733
Third-----	2,838	2,645	2,670	2,040	3,242	3,241	3,230	3,358	3,436
Fourth-----	2,332	2,306	2,718	2,569	3,291	3,183	3,192	3,191	3,302
Fifth-----	2,322	2,254	2,559	2,565	2,848	3,238	3,143	3,153	3,146
Sixth-----	2,248	2,151	2,320	2,607	2,481	2,808	3,196	3,111	3,118
Seventh-----	2,176	2,068	2,166	2,449	2,470	2,443	2,772	3,147	3,070
Eighth-----	2,108	1,947	2,083	2,242	2,542	2,476	2,470	2,796	3,173
Postgraduate-----	1,701	1,734	1,036	2,032	2,357	2,460	2,407	2,391	2,701
Grades 9 to 12 and post-graduates-----									
Ninth year-----	6,601	5,725	5,882	6,290	6,873	7,318	7,895	8,290	8,485
Tenth year-----	2,011	1,761	1,820	1,944	2,143	2,368	2,490	2,422	2,412
Eleventh year-----	1,767	1,513	1,582	1,717	1,849	1,974	2,203	2,327	2,258
Twelfth year-----	1,486	1,275	1,338	1,412	1,543	1,615	1,744	1,962	2,063
Postgraduate-----	1,282	1,184	1,111	1,190	1,326	1,349	1,438	1,544	1,747
	55	42	31	27	13	13	20	36	4

¹ Total elementary and high school enrollments taken from special studies. Grade distribution is estimated.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems; *Statistics of State School Systems, 1958-59*, and *Statistics of State School Systems, 1959-60*.

No. 156. SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT, BY TYPE OF CHILD: 1948, 1953, AND 1958

[1948 and 1953 data are for school years 1947-48 and 1952-53; 1958 data are as of February. Excludes Alaska and Hawaii. Covers public elementary and secondary day schools. Excludes data for truant, delinquent, and maladjusted children; home- and hospital-bound children; and exceptional children enrolled in residential schools]

TYPE	1948			1953			1958		
	States reporting	Systems reporting	Enrollment	States reporting	Systems reporting	Enrollment	States reporting	Systems reporting	Number of pupils
Total-----	1 49	2 973	338,129	1 49	2 1,785	497,216	1 49	2 3,641	2 889,560
Mentally retarded:									
Upper range-----									
Middle range-----	46	714	87,030	48	1,244	113,565	{	49	2,869
Speech impaired-----	40	450	182,308	49	1,087	306,747	49	909	16,709
Crippled-----	36	269	14,510	45	596	17,813	48	1,617	480,644
Hard-of-hearing-----	34	256	10,445	46	497	11,932	47	1,408	29,339
Partially seeing-----	33	239	7,656	30	408	8,014	46	607	13,150
Special health problems-----	23	103	11,425	40	330	11,455	48	498	8,643
Deaf-----	29	102	3,514	34	185	3,935	40	335	6,473
Blind-----	13	31	529	19	67	839	30	340	2,898
Mentally gifted-----	9	14	20,712	15	27	22,916	38	240	52,269
Socially and emotionally maladjusted-----							47	478	28,622

¹ Includes District of Columbia.

² Total number of different school systems reporting a program for one or more of the specified types of exceptional children; not the sum of the figures reported in the column.

³ Includes 13,401 pupils not reported in separate categories of exceptionality.

⁴ Approximately 50-75 I.Q.

⁵ Approximately 25-50 I.Q.

⁶ Not reported in the 1947-48 survey. Figures for 1948 are the sums of those for "delicate" and "epileptic."

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Special Education for Exceptional Children.

No. 157. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—REVENUE, BY SOURCE OF FUNDS: 1940 TO 1960

[In millions of dollars, except percent. Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 246-251]

SCHOOL YEAR	Total revenue for public schools	FEDERAL		STATE ¹		INTERMEDIATE AND LOCAL SOURCES ²	
		Amount	Percent	Amount	Percent	Amount	Percent
1940	2,261	40	1.76	694	30.27	1,536	67.06
1942	2,417	34	1.42	760	31.45	1,622	67.13
1944	2,604	38	1.38	859	32.99	1,709	65.63
1946	3,060	41	1.35	1,062	34.71	1,958	63.94
1948	4,312	120	2.79	1,076	38.88	2,615	58.33
1950	5,437	166	2.87	2,166	39.88	3,116	57.30
1952	6,424	228	3.54	2,479	38.58	3,718	57.87
1954	7,867	355	4.52	2,944	37.42	4,568	58.06
1956	9,687	441	4.56	3,529	39.53	5,416	58.92
1958	12,239	496	4.05	4,811	39.31	6,932	56.64
1960	14,747	652	4.42	5,708	39.11	8,327	56.47

¹ Includes receipts from State and permanent funds and endowments, and other cash and noncash receipts from State sources.

² Includes receipts from gifts and from tuition and transportation fees from patrons.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems; and *Statistics of State School Systems 1959*.

No. 158. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURE, BY PURPOSE: 1950 TO 1960

Beginning 1958, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 252-261]

PURPOSE	1950		1956		1958		1960	
	Total (\$1,000)	Percent						
Total expenditure, all schools	5,837,643	100.0	10,955,047	100.0	13,624,190	100.0	15,613,255	100.0
Total current expenditure, all schools	4,722,888	80.9	8,352,162	70.2	10,424,145	76.5	12,461,955	79.8
Current expenditure for day schools	4,687,274	80.3	8,251,420	75.3	10,301,307	75.6	12,329,380	79.0
Administration	220,050	3.8	372,956	3.4	445,001	3.3	528,408	3.4
Instruction ¹	3,112,340	53.3	5,501,921	50.2	6,036,240	50.0	8,350,738	53.5
Plant operation	427,587	7.3	752,739	6.9	928,281	6.8	1,085,036	6.9
Plant maintenance	214,164	3.7	319,500	2.9	380,491	2.8	422,586	2.7
Fixed charges	261,469	4.5	531,398	4.9	717,655	5.3	900,323	5.8
Other school services ²	451,068	7.7	772,851	7.1	808,600	6.6	1,033,297	6.6
Other current expenditure ³	35,614	0.6	100,743	0.9	122,778	0.9	132,567	0.8
Capital outlay	1,014,176	17.4	2,387,187	21.8	2,857,065	21.0	2,661,786	17.0
Interest	100,578	1.7	215,699	2.0	342,081	2.5	480,614	3.1

¹ Includes salaries of clerical assistants, free textbooks, school library books, and supplies.

² For 1950, items included under "other school services" were listed under "auxiliary services," a more comprehensive classification which also included community services.

³ Comprises current expenditures for summer schools, adult education, community colleges, and, beginning 1958, community services.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems; and *Statistics of State School Systems, 1959*.

**No. 159. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, TEACHERS,
AND SCHOOLROOMS, BY STATES: FALL 1961**

(Enrollment data, compiled in the fall, are not directly comparable with the cumulative statistics on enrollment which, in *Biennial Survey of Education in the United States*, are given for an entire school year. Except as noted, schools are classified by type of organization, rather than by grade-group; elementary includes kindergarten and secondary includes junior high schools)

STATE	PUPILS ENROLLED (1,000)		CLASSROOM TEACHERS				PUPILS IN EXCESS OF NORMAL CAPACITY OF SCHOOL PLANTS IN USE		INSTRUCTION ROOMS	
			Total ¹		Teaching under substandard credentials				Additional needed	Sched- uled for com- pletion during fiscal 1962
	Elementary	Second- ary	Elementary	Second- ary	Elementary	Second- ary	Elementary	Second- ary	127,165	62,737
U.S.	24,686	12,818	870,631	592,228	64,464	25,233	962,934	730,928		
N.E. ²	1,270	671	47,046	33,764	2,198	1,542	46,751	36,443	5,036	3,007
Maine ³	187	50	5,813	2,718	270	86	8,339	5,176	856	420
N.H.	74	37	2,813	1,850	113	70	2,825	1,883	245	179
Vt.	53	23	2,185	1,239	151	103	3,411	1,871	315	83
Mass.	557	354	21,004	17,104	410	488	16,720	19,506	2,382	1,402
R.I. ³	79	58	2,887	2,606	154	195	2,074	2,607	297	62
Conn.	350	149	12,374	8,157	1,100	600	13,382	5,340	941	801
M.A.	3,540	2,405	131,349	118,071	8,231	5,965	169,560	157,249	24,384	8,517
N.Y. ³	1,659	1,184	64,039	58,946	2,674	3,517	93,125	77,538	13,599	4,320
N.J.	738	365	27,895	20,879	5,010	1,595	42,980	36,384	3,902	2,228
Pa.	1,143	856	39,415	38,246	547	533	33,455	43,300	6,883	1,069
E.N.C.	4,878	2,421	181,537	104,996	18,768	2,059	150,533	65,487	21,197	12,448
Ohio	1,323	684	45,318	29,900	3,890	1,290	34,136	13,809	3,090	3,581
Ind.	689	351	23,999	12,704	2,250	450	6,188	3,812	1,262	1,620
Ill.	1,204	616	53,110	23,277	5,298	602	77,816	16,622	7,409	2,388
Mich.	1,070	656	38,372	27,787	6,540	417	30,000	21,900	7,023	3,450
Wis.	582	214	20,738	11,208	800	200	11,309	9,314	1,507	1,411
W.N.C.	2,174	1,021	82,959	54,758	2,002	695	62,584	89,045	11,817	4,607
Minn.	414	295	15,157	14,224	425	102	15,904	12,459	2,126	992
Iowa	376	213	14,980	11,641	200	80	4,500	7,500	620	500
Mo. ²	634	205	21,058	9,859	49	87	174	37,830	3,601	1,643
N. Dak.	99	40	4,425	2,432			3,383	1,776	704	310
S. Dak.	104	49	5,239	2,720	869	303	6,007	3,120	653	287
Nebr.	190	102	8,508	5,322	450	123	11,520	8,160	1,600	407
Kans.	357	117	13,525	8,560			21,000	18,200	2,513	498
S.A.	3,830	2,043	130,303	86,202	10,251	3,668	217,095	182,635	23,697	8,530
Pet.	50	37	1,999	1,876	400	90	1,774	1,008	167	88
Md.	370	265	12,837	12,072	4,377	2,075	33,828	32,445	2,952	1,240
D.C.	84	44	2,668	1,861	970	510	11,495	4,214	786	84
Va.	502	282	20,328	13,486	1,765	292	33,576	27,444	3,943	1,809
W. Va.	261	176	9,348	6,898	856	285	6,147	13,653	1,761	329
N.C.	844	282	28,045	10,968	1,148	206	42,398	19,865	4,026	1,616
S.C.	379	219	12,289	8,984	511	526	13,788	17,340	1,895	440
Ga. ³	652	306	21,032	12,070	428	164	35,603	27,249	3,404	894
Fla.	598	432	21,737	17,987	296	15	38,486	39,317	4,703	2,002
E.S.C.	1,846	965	60,682	38,000	4,620	1,800	107,248	73,425	16,036	4,512
KY.	447	178	15,475	8,260	2,141	337	22,786	9,074	7,374	1,100
Tenn.	585	260	19,520	10,073	860	215	17,520	10,987	1,918	1,000
Ala. ³	457	330	14,684	11,613	1,199	873	52,562	47,400	5,166	1,530
W.Miss.	357	197	10,973	8,054	420	375	14,380	5,084	1,578	882
W.S.C.	2,852	1,076	88,787	60,670	6,374	3,974	88,856	44,501	12,066	6,344
Ark. ³	241	160	8,557	6,898	1,359	889	10,169	10,055	2,696	306
La.	590	166	16,115	11,003	1,020	480	10,000	5,500	1,875	1,170
Okla.	336	215	12,155	9,200			16,000	4,000	3,100	1,000
Tex. ²	1,715	505	51,060	33,571	3,795	3,105	50,687	24,946	4,395	3,868
Mt.	1,084	617	40,994	27,944	1,979	842	52,808	48,973	6,207	2,828
Mont.	101	48	4,810	2,151	84	5	2,656	3,549	441	266
Idaho	91	73	3,422	3,471	1,053	583	5,281	4,014	708	135
Wyo. ³	49	33	2,829	1,829	361	108	756	250	182	180
Colo.	251	104	9,666	8,097	214	59	14,591	10,789	1,609	405
N. Mex. ³	135	94	5,028	4,094	14	5	6,358	6,855	846	325
Ariz. ²	265	79	9,004	3,038	67	5	9,000	14,375	2,115	720
Utah	146	101	4,910	4,109	186	77	12,154	6,228	928	541
Nebr.	46	25	1,825	1,155			2,013	2,913	278	256
Pac.	3,211	1,603	107,004	67,823	10,041	3,793	60,494	33,527	6,725	11,894
Wash.	403	237	14,050	10,850	900	200	11,771	21,948	2,285	1,015
Oreg.	272	127	10,868	6,878	1,086	50	4,101	2,908	729	500
Calif.	2,410	1,150	76,750	47,500	8,000	3,500	37,120	5,966	3,000	10,000
Alaska ³	38	9	1,442	595	42	18	4,881	649	361	126
Hawai ³	88	60	3,004	2,000	13	25	2,621	2,061	350	253

¹ Excludes supervisors, principals, librarians, etc.

² Reported by grade group; kindergarten through grade 8 for elementary and grades 9-12 for secondary.

³ Reported by grade group; kindergarten through grade 6 for elementary and grades 7-12 for secondary.

⁴ Includes counselors and librarians. ⁵ Data for 1960-61 school year.

⁶ Reported by grade group; kindergarten through grade 7 for elementary and grades 8-12 for secondary.

Elementary and Secondary Schools

125

No. 160. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1930 TO 1960

[In thousands. See also table 150]

STATE OR OTHER AREA	1930		1940		1950		1959		1960	
	Ele- men- tary ¹	Sec- ond- ary ²								
	21,347	4,407	18,907	6,625	19,464	5,752	26,684	8,290	27,021	8,485
United States										
New England	1,194	298	990	410	962	331	1,345	436	1,399	445
Maine	124	30	124	40	124	34	147	43	152	43
New Hampshire	60	14	54	22	53	18	78	24	81	25
Vermont	54	12	51	14	49	12	59	16	57	16
Massachusetts	594	165	481	219	454	178	3,621	3,218	3,643	3,218
Rhode Island	101	17	84	31	71	25	98	32	101	33
Connecticut	260	50	196	85	210	63	342	103	366	111
Middle Atlantic	4,028	843	3,324	1,472	3,095	1,128	4,235	1,447	4,342	1,466
New York	1,717	425	1,515	712	1,468	540	2,066	687	2,125	703
New Jersey	672	120	503	214	495	180	762	244	706	255
Pennsylvania	1,639	298	1,306	546	1,142	408	1,407	516	1,419	508
East North Central	3,897	979	3,248	1,392	3,478	1,132	5,089	1,634	5,337	1,670
Ohio	1,012	266	842	372	917	286	1,392	429	1,470	436
Indiana	523	144	474	197	524	106	729	234	762	237
Illinois	1,095	301	873	376	871	283	1,294	422	1,356	422
Michigan	800	162	683	287	810	260	1,184	364	1,253	372
Wisconsin	458	106	376	160	356	138	400	185	505	104
West North Central	2,284	570	1,917	728	1,828	584	2,319	765	2,384	788
Minnesota	453	99	305	147	359	123	481	170	504	178
Iowa	437	117	364	139	305	113	446	141	457	141
Missouri	524	132	525	176	499	145	610	195	626	196
North Dakota	140	36	106	34	88	27	99	35	101	36
South Dakota	134	31	98	38	89	29	112	36	116	37
Nebraska	256	69	195	81	168	60	211	67	216	67
Kansas	340	92	264	112	261	87	360	112	366	113
South Atlantic	3,271	484	3,120	804	3,251	809	4,370	1,241	4,473	1,287
Delaware	35	7	32	12	35	11	69	18	62	19
Maryland	235	42	219	68	270	65	438	132	457	139
District of Columbia	65	16	71	25	75	22	94	23	97	26
Virginia	488	74	454	114	480	118	650	172	663	178
West Virginia	347	49	361	92	349	90	355	112	362	100
North Carolina	750	117	684	202	704	181	830	257	844	261
South Carolina	416	53	395	87	415	79	476	125	482	128
Georgia	638	81	612	126	571	147	743	191	748	201
Florida	301	45	292	77	353	97	725	211	768	225
East South Central	2,189	246	2,155	379	2,009	421	2,173	611	2,185	610
Kentucky	526	62	507	97	467	96	499	137	496	135
Tennessee	558	70	540	108	539	120	620	182	629	182
Alabama	562	61	586	100	556	124	598	178	609	179
Mississippi	543	52	521	73	447	81	456	114	452	115
West South Central	2,437	444	2,226	663	2,147	539	2,788	825	2,876	843
Arkansas	410	46	302	73	329	78	323	99	324	100
Louisiana	377	58	374	99	400	84	527	147	542	151
Oklahoma	573	104	472	140	340	101	386	139	395	139
Texas	1,072	236	987	341	1,078	276	1,552	440	1,615	454
Mountain	728	171	671	235	761	223	1,185	353	1,247	372
Montana	96	25	75	32	80	26	105	35	109	36
Idaho	94	27	87	34	91	31	117	42	120	42
Wyoming	43	11	40	16	46	14	50	18	62	19
Colorado	197	43	163	58	177	52	295	82	309	85
New Mexico	89	13	109	23	121	27	172	50	180	51
Arizona	89	15	88	22	112	28	220	62	236	67
Utah	105	33	93	43	115	39	169	56	178	58
Nevada	14	4	15	6	20	6	48	13	62	14
Pacific	1,319	373	1,256	552	1,933	585	3,179	968	3,358	1,023
Washington	259	85	226	106	309	92	450	146	453	156
Oregon	155	48	128	61	189	66	276	97	280	100
California	837	232	828	362	1,358	399	2,310	686	2,473	2,726
Alaska	3	1	5	2	12	2	34	7	37	8
Hawaii	65	7	70	22	65	25	103	32	106	33
Puerto Rico	214	7	270	16	362	48	486	83	486	88
American Samoa	2	—	()	—	3	1	35	1	35	1
Canal Zone	6	1	6	1	8	2	8	3	9	3
Guam	4	(6)	5	(6)	(6)	(6)	11	2	12	2

¹ Kindergarten through grade 8. ² Grades 9 through 12 and postgraduates; 1930 data include secondary pupils in local normal and vocational schools.

³ Enrollment not cumulative, but as of a specific date. ⁴ Excludes vocational schools. ⁵ Less than 500 pupils.

⁶ Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapters on Statistics of State School Systems; and *Statistics of State School Systems, 1960*.

Education

NO. 161. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, ATTENDANCE, AND HIGH SCHOOL GRADUATES, BY STATES AND FOR OTHER AREAS: 1959 AND 1960
 [Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, preparatory departments of colleges and universities, Federal schools for Indians, and Federal schools on Federal installations]

STATE OR OTHER AREA	1959				1960 ¹			
	Enrollment (1,000)	Average daily attendance (1,000)	Percent of pupils enrolled attending daily	High school graduates	Enrollment (1,000)	Average daily attendance (1,000)	Percent of pupils enrolled attending daily	High school graduates
	34,974	31,346	89.6	1,441,115	36,087	32,477	90.0	1,627,050
United States	34,974	31,346	89.6	1,441,115	36,087	32,477	90.0	1,627,050
New England	1,782	1,610	90.3	75,094	1,845	1,684	91.3	92,475
Maine	190	175	92.3	7,317	195	182	93.2	8,304
New Hampshire	102	91	89.7	4,311	106	96	90.3	4,947
Vermont	75	69	91.6	2,008	73	70	96.4	3,175
Massachusetts	840	763	89.7	37,125	861	793	92.2	47,599
Rhode Island	1,130	1,113	86.8	5,140	133	118	88.3	6,250
Connecticut	445	2,409	91.8	18,208	477	426	89.1	22,200
Middle Atlantic	5,688	4,984	87.7	248,882	5,808	5,195	89.4	294,088
New York	2,753	2,360	86.1	113,280	2,829	2,464	87.1	134,471
New Jersey	1,007	882	87.6	41,781	1,051	942	89.7	52,442
Pennsylvania	1,923	1,733	90.1	93,821	1,928	1,780	92.8	107,175
East North Central	6,724	6,017	89.5	293,948	7,007	6,184	88.3	332,288
Ohio	1,821	1,672	91.8	77,375	1,906	1,734	91.0	89,024
Indiana	964	839	87.0	42,552	989	863	87.2	46,914
Illinois	1,715	1,481	86.3	72,135	1,788	1,514	84.7	82,922
Michigan	1,549	1,429	86.3	65,255	1,625	1,458	89.7	74,424
Wisconsin	876	869	88.3	36,631	699	616	88.3	340,004
West North Central	3,084	2,740	88.8	146,063	3,162	2,835	89.9	156,459
Minnesota	600	605	91.7	34,009	682	627	92.0	38,996
Iowa	586	524	89.4	47,060	608	538	89.9	420,908
Missouri	805	685	85.0	35,043	821	705	85.9	36,707
North Dakota	134	122	90.9	6,901	137	126	92.2	2,7,328
South Dakota	149	133	89.4	7,128	164	138	89.0	7,582
Nebraska	278	255	91.7	13,484	288	260	92.0	14,347
Kansas	472	416	88.1	20,026	479	441	92.1	21,000
South Atlantic	5,612	4,981	88.8	200,100	5,760	5,116	88.8	221,948
Delaware	577	560	89.8	3,053	81	573	90.7	3,490
Maryland	571	508	89.0	20,462	506	534	89.5	23,854
District of Columbia	117	102	86.9	3,520	122	106	86.4	3,593
Virginia	822	737	89.6	26,642	842	760	89.9	30,262
West Virginia	467	427	91.3	20,291	400	421	91.3	21,788
North Carolina	1,087	991	91.2	42,705	1,105	1,003	90.8	45,271
South Carolina	601	524	87.2	20,234	610	531	87.1	22,291
Georgia	934	808	88.5	31,152	949	821	86.5	34,127
Florida	936	815	87.1	32,051	993	871	87.6	37,296
East South Central	2,783	2,459	88.4	103,094	2,795	2,497	89.3	105,667
Kentucky	636	564	88.7	22,968	631	667	89.7	24,011
Tennessee	802	724	90.2	30,526	810	736	90.8	32,593
Alabama	776	698	90.0	30,000	787	709	90.1	31,690
Mississippi	570	473	88.0	21,000	506	486	85.8	10,473
West South Central	3,613	3,198	87.4	139,893	3,719	3,300	88.7	148,126
Arkansas	422	369	87.4	17,883	424	373	87.8	18,910
Louisiana	674	602	89.3	24,329	693	619	89.4	26,238
Oklahoma	625	478	90.7	26,846	554	486	90.9	26,478
Texas	1,992	1,751	87.9	71,855	2,068	1,822	88.1	70,500
Mountain	1,545	1,362	88.2	60,155	1,619	1,428	88.2	66,946
Montana	141	120	91.5	6,343	145	132	90.8	6,074
Idaho	159	144	90.8	7,495	163	147	90.6	8,179
Wyoming	77	68	87.6	3,312	81	71	87.7	3,759
Colorado	378	327	86.5	14,361	394	345	87.7	16,848
New Mexico	221	194	87.8	7,596	231	202	87.6	8,211
Arizona	282	242	85.7	8,918	303	258	85.2	10,496
Utah	225	206	91.5	10,100	236	216	91.7	11,270
Nevada	62	52	83.7	2,040	66	55	83.1	2,299
Pacific	4,147	3,998	96.4	173,886	4,380	4,237	96.7	206,053
Washington	596	557	93.5	25,537	600	569	93.4	29,605
Oregon	373	330	88.3	17,144	389	345	88.8	20,105
California	3,002	2,951	98.3	124,602	3,190	3,155	98.5	148,871
Alaska	41	34	84.0	944	44	38	85.0	1,096
Hawaii	135	126	93.6	5,059	139	131	93.9	6,287
Puerto Rico	509	506	88.9	11,820	673	512	89.3	12,057
American Samoa	5	—	—	77	5	(*)	(*)	52
Canal Zone	11	10	94.8	492	12	10	85.4	536
Guam	13	12	95.8	281	15	13	87.3	380
Virgin Islands	7	6	91.8	2,140	7	6	89.6	115

¹ Partially estimated. ² Estimated. ³ Excludes data for vocational schools. ⁴ Includes persons granted high school equivalency certificates.

⁵ In addition, 855 certificates issued to seniors not fully meeting requirements for a State diploma. ⁶ Includes "excused absences."

⁷ Not available.

Elementary and Secondary Schools

127

No. 162. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND SALARIES OF INSTRUCTIONAL STAFF, BY STATES AND FOR OTHER AREAS: 1958 AND 1960

[See also *Historical Statistics, Colonial Times to 1957*, series H 234-240]

STATE OR OTHER AREA	TOTAL INSTRUCTIONAL STAFF ¹		SALARIES OF TOTAL INSTRUCTIONAL STAFF			
	1958	1960	Total (\$1,000)		Average salary (dollars)	
			1958	1960	1958	1960
United States	1,339,800	1,464,031	6,400,559	7,671,250	4,703	5,174
New England						
Maine	74,316	79,309	347,862	431,213	4,681	5,360
New Hampshire	7,856	8,442	25,063	31,181	3,190	3,694
Vermont	4,041	4,450	10,029	19,926	3,087	4,455
Massachusetts	3,181	3,270	11,742	14,605	3,601	4,466
Rhode Island	5,711	37,194	170,770	212,584	4,782	5,545
Connecticut	5,301	5,727	26,160	31,491	4,985	5,490
Middle Atlantic	18,226	20,226	98,098	121,526	5,382	6,008
New York	229,964	251,911	1,283,881	1,518,254	5,497	6,027
New Jersey	114,375	125,732	604,387	821,004	6,071	6,537
Pennsylvania	41,874	47,264	332,106	277,506	5,119	5,871
East North Central	73,715	78,915	357,388	418,844	3,840	5,308
Ohio	257,043	286,009	1,290,428	1,567,886	4,986	5,454
Indiana	67,201	70,947	325,565	394,313	4,845	5,124
Illinois	34,038	37,805	167,501	200,505	4,836	5,542
Michigan	66,192	74,468	348,821	441,308	5,132	5,814
Wisconsin	60,205	65,502	320,239	370,367	5,310	5,654
West North Central	28,807	31,287	128,303	152,363	4,454	4,870
Minnesota	135,510	143,550	537,514	632,644	3,929	4,414
Iowa	27,272	29,589	120,956	150,077	4,655	5,275
Missouri	28,407	29,630	103,365	119,485	3,842	4,030
North Dakota	20,511	31,810	121,859	144,301	4,129	4,536
South Dakota	7,114	7,709	23,930	28,483	3,365	3,695
Nebraska	8,066	8,018	26,114	20,867	3,238	3,725
Kansas	14,011	14,345	47,602	55,605	3,404	3,876
Delaware	21,120	22,440	87,589	99,826	4,145	4,450
Maryland	199,465	215,230	821,468	955,939	4,116	4,448
District of Columbia	3,233	3,361	18,111	21,204	5,002	5,800
Virginia	20,883	23,691	104,183	131,645	4,980	5,557
West Virginia	4,245	4,552	25,437	28,588	5,992	6,280
North Carolina	30,366	32,698	116,677	140,998	3,829	4,312
South Carolina	16,980	17,340	61,737	68,520	3,034	3,952
Georgia	37,788	39,333	145,036	164,344	3,882	4,178
Florida	21,110	21,142	67,775	72,036	3,209	3,450
East South Central	31,813	33,948	117,440	131,692	3,602	3,904
Kentucky	33,029	35,665	164,172	196,153	4,971	5,080
Tennessee	94,849	100,278	308,007	369,599	3,241	3,686
Alabama	23,689	24,758	73,052	82,377	3,102	3,327
Mississippi	27,264	28,931	95,049	113,670	3,471	3,920
West South Central	17,506	18,753	47,238	62,141	3,489	4,002
Arkansas	185,735	148,014	590,991	681,502	4,354	4,604
Louisiana	14,699	15,256	46,655	50,265	3,174	3,295
Oklahoma	24,117	26,865	112,246	133,730	4,654	4,978
Texas	20,149	20,944	84,550	97,577	4,196	4,059
Mountain	76,770	84,949	347,540	399,930	4,527	4,708
Montana	60,129	67,261	276,923	340,149	4,508	5,055
Idaho	7,215	7,215	28,339	32,021	3,875	4,425
Wyoming	5,792	6,536	23,291	27,556	4,021	4,216
Colorado	3,658	3,913	15,715	19,317	4,302	4,037
New Mexico	14,988	16,931	66,806	84,000	4,467	4,997
Arizona	8,052	8,893	40,573	47,866	5,039	5,382
Utah	10,207	12,175	53,010	68,056	5,193	5,500
Nevada	7,865	8,885	37,215	45,282	4,732	5,096
Pacific	2,357	2,713	11,974	15,445	5,030	5,693
Washington	152,789	172,469	943,482	1,173,050	5,741	6,318
Oregon	23,552	26,229	122,450	147,861	5,100	5,643
California	15,742	17,217	79,144	95,304	5,028	5,535
Alaska	107,027	122,168	3,709,506	890,252	6,010	6,600
Hawaii	81,548	1,705	10,133	12,312	6,540	6,889
Puerto Rico	4,020	5,009	22,249	27,321	4,522	5,390
American Samoa	13,458	14,562	29,504	34,400	2,192	2,360
Canal Zone	233	287	211	244	900	852
Guam	378	413	2,148	2,492	5,682	6,034
Virgin Islands	489	500	1,858	2,423	3,788	4,107
	218	242	688	824	3,157	3,407

¹ Comprises supervisors, principals, classroom teachers, and other nonsupervisory instructional staff.

² Includes clerks. ³ Includes some personnel in addition to instructional staff.

⁴ Includes administrators. ⁵ Estimated by the Office of Education.

⁶ Excludes 239 kindergarten teachers. ⁷ Includes attendance personnel.

⁸ Excludes Federal schools for natives.

No. 163. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ESTIMATED NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS: 1953 TO 1961

[Beginning 1959, includes Alaska, and 1960, Hawaii]

YEAR	NUMBER OF TEACHERS			AVERAGE SALARY (dollars)			PERCENT DISTRIBUTION OF TEACHERS, BY SALARY GROUPS		
	Total	Elementary school	Secondary school	All teachers	Elementary school	Secondary school	Under \$3,500	\$3,500 to \$4,499	\$4,500 and over
1953	992,583	653,573	339,010	3,405	3,205	3,705	62.0	25.0	13.0
1954	1,032,133	657,520	374,618	3,005	3,425	3,980	55.8	26.8	17.6
1955	1,080,329	600,987	389,342	3,816	3,615	4,194	48.5	29.2	22.3
1956	1,133,003	722,809	410,203	4,000	3,800	4,350	42.6	31.4	26.0
1957	1,190,865	750,702	440,163	4,220	4,025	4,500	35.0	33.0	32.0
1958	1,237,943	778,414	459,529	4,520	4,325	4,840	25.6	33.5	40.9
1959	1,292,723	808,475	484,248	4,707	4,607	5,113	17.0	31.7	51.3
1960	1,353,055	827,875	525,180	4,995	4,815	5,276	12.8	29.7	57.5
1961	1,408,962	857,353	551,609	5,216	5,034	5,500	9.6	27.2	63.2

Source: National Education Association, Research Division; *Research Report, 1900-R 15, Estimates of School Statistics, 1960-61*, and office records.

No. 164. NONPUBLIC REGULAR ELEMENTARY AND SECONDARY SCHOOLS—INSTRUCTIONAL STAFF AND ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1958

[Includes data for kindergartens. Excludes data for private residential schools for exceptional children and subcollegiate departments of institutions of higher education. Estimated on basis of earlier surveys. See also *Historical Statistics, Colonial Times to 1957*, series H 228, for total enrollment excluding Alaska and Hawaii.]

STATE OR OTHER AREA	In-structional staff	NUMBER OF PUPILS			STATE OR OTHER AREA	In-structional staff	NUMBER OF PUPILS		
		Total	Elementary ¹	Second-ary ²			Total	Elementary ¹	Second-ary ²
U.S.	164,616	5,256,780	4,318,888	937,892	Nov.	70	3,002	2,406	596
Ala.	950	28,400	21,300	7,100	N.H.	1,200	31,557	23,155	8,402
Alaska	105	1,665	1,374	281	N.J.	7,390	208,600	220,800	38,800
Ariz.	700	25,885	21,701	4,184	N. Mex.	602	23,604	20,347	3,287
Ark.	446	11,313	8,951	2,392	N.Y.	25,720	814,610	694,641	119,969
Calif.	10,330	302,045	248,341	53,704	N.C.	552	12,100	9,600	2,500
Colo.	1,400	36,000	29,500	6,600	N. Dak.	666	17,461	13,992	3,469
Conn.	3,432	93,329	70,951	22,378	Ohio	9,674	336,287	276,237	60,050
Del.	610	17,339	13,943	3,396	Oklahoma	600	17,020	13,660	3,420
D.C.	850	23,000	16,500	6,500	Oreg.	980	26,500	21,100	5,400
Fla.	2,295	50,856	36,068	14,788	Pa.	15,650	544,827	441,091	103,736
Ga.	830	17,900	11,500	6,400	R.I.	1,526	46,658	33,095	13,563
Hawaii	1,275	27,711	20,708	7,003	S.C.	566	12,400	10,900	1,500
Idaho	192	6,019	5,968	950	S. Dak.	552	15,000	12,700	2,300
Ill.	13,250	479,230	395,494	83,736	Tenn.	1,241	29,266	20,142	9,114
Ind.	2,040	110,650	102,453	17,197	Tex.	3,840	126,600	109,600	17,000
Iowa	2,048	81,006	65,518	16,388	Utah	190	5,000	4,000	1,000
Kans.	1,552	44,916	37,538	7,378	Vt.	648	16,592	11,417	5,175
Ky.	2,827	74,732	58,483	16,244	Va.	1,920	47,000	35,000	12,000
La.	3,644	122,330	101,701	20,620	Wash.	1,540	48,825	40,599	8,266
Maine	1,262	33,725	23,121	10,604	W. Va.	558	14,730	10,658	4,072
Md.	8,064	114,836	97,758	17,078	Wis.	6,000	216,000	188,000	28,000
Mass.	8,280	220,487	184,739	44,748	Wyo.	128	3,950	3,600	360
Mich.	7,900	281,067	225,037	56,330	Puerto Rico ³	1,533	52,845	39,584	13,261
Minn.	4,339	142,378	121,887	20,491	American Samoa	38	1,058	971	87
Miss.	690	17,176	13,175	4,001	Canal Zone	(4)	579	(5)	(5)
Mo.	4,100	131,000	107,000	24,000	Guam	(4)	3,134	2,463	671
Mont.	586	17,868	14,148	3,720	Virgin Islands	65	2,629	2,333	296
Nebr.	1,596	45,608	37,775	7,833					

¹ Kindergarten through grade 8. ² Grades 9 through 12 and postgraduate. ³ Accredited schools only.

⁴ Not available. ⁵ Distribution by grade group not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1957-58*, Chapter 2, *Statistics of State School Systems*.

No. 165. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ESTIMATED NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, BY STATES: 1961

STATE	NUMBER OF TEACHERS			AVERAGE SALARY (dollars)			PERCENT DISTRIBUTION OF TEACHERS, BY SALARY GROUPS				
	Total	Elemen- tary school	Second- ary school	All teachers	Elemen- tary school	Sec- ondary school	Under \$3,500	\$3,500 to \$4,499	\$4,500 to \$5,499	\$5,500 to \$6,499	\$6,500 and over
				1,408,962	857,353	551,609	1,5,215	1,5,034	1,5,500	19.6	27.2
U.S.	1,408,962	857,353	551,609	1,5,215	1,5,034	1,5,500	19.6	27.2	30.3	18.4	14.5
Ala.	27,495	15,675	11,820	3,850	3,700	4,050	5.0	74.0	19.0	1.5	0.5
Alaska	1,825	1,350	475	6,600	6,550	6,800	0.0	0.0	28.0	40.0	32.0
Ariz.	12,188	9,121	3,067	5,700	5,500	6,325	0.0	10.0	38.0	37.0	15.0
Ark.	14,495	8,017	6,478	3,550	3,380	3,764	60.0	37.0	3.0	0.0	0.0
Calif.	119,250	74,600	44,750	6,700	6,400	7,150	0.0	0.0	25.0	25.0	50.0
Colo.	16,400	9,300	7,100	5,175	5,040	5,350	2.0	29.0	40.0	22.0	7.0
Conn.	19,350	11,750	7,600	5,900	5,800	6,050	0.0	20.0	20.0	33.0	18.0
Del.	3,688	1,977	1,711	5,789	5,577	6,027	0.0	11.0	40.0	31.0	18.0
D.C.	4,375	2,593	1,782	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Fla.	38,133	21,371	16,762	4,960	4,900	5,025	2.0	41.0	47.0	8.0	2.0
Ga.	33,495	21,332	12,163	4,078	3,950	4,300	25.0	65.0	8.0	2.0	0.0
Hawaii	4,900	2,900	2,000	5,550	5,550	5,550	0.0	14.0	36.0	45.0	5.0
Idaho	6,300	3,600	2,800	4,400	4,160	4,700	9.0	53.0	31.0	6.0	1.0
Ill.	72,114	49,108	23,006	5,725	5,450	6,350	1.0	19.0	32.0	20.0	28.0
Ind.	36,335	21,801	14,534	5,018	5,400	5,940	1.0	15.0	41.0	25.0	18.0
Iowa	26,204	14,903	11,361	4,582	4,188	5,243	25.0	39.0	30.0	5.0	1.0
Kans.	20,813	12,740	8,073	4,575	4,250	5,000	14.0	53.0	25.0	6.0	2.0
Ky.	23,499	15,730	7,769	4,089	3,930	4,350	40.0	54.0	6.0	0.0	0.0
La.	26,598	15,956	10,642	4,975	4,000	5,100	9.0	28.0	36.0	21.0	6.0
Maine	8,175	5,609	2,566	4,210	4,075	4,500	40.0	40.0	15.0	4.0	1.0
Md.	23,520	12,305	11,215	5,080	5,050	5,710	1.1	16.4	28.1	27.5	26.9
Mass.	35,470	20,540	14,030	5,500	5,400	5,600	0.0	16.0	38.0	32.0	14.0
Mich.	64,576	37,500	27,076	5,925	5,825	6,075	0.0	20.0	33.0	30.0	17.0
Minn.	28,750	15,400	13,350	5,325	5,100	5,590	1.0	22.0	34.0	22.0	21.0
Miss.	18,000	10,610	7,381	3,415	3,175	3,775	65.0	28.0	7.0	0.0	0.0
Mo.	31,020	21,280	9,740	4,075	4,550	5,000	20.0	30.0	32.0	13.0	5.0
Mont.	6,879	4,479	2,400	4,680	4,375	5,250	12.0	30.0	35.0	17.0	6.0
Nebr.	14,035	9,595	4,440	3,000	3,600	4,850	40.0	38.0	14.0	6.0	2.0
Nov.	2,719	1,686	1,033	5,800	5,700	6,000	0.0	4.0	50.0	31.0	16.0
N.H.	4,220	2,549	1,671	4,569	4,411	4,808	1.0	50.7	37.0	10.3	1.0
N.J.	46,350	28,280	18,070	5,930	5,825	6,140	0.0	11.0	30.0	25.0	34.0
N. Mex.	8,951	5,031	3,920	5,400	5,250	5,550	0.0	26.0	52.3	19.0	2.7
N.Y.	120,100	66,100	54,000	6,200	6,190	6,350	0.0	12.0	28.0	29.0	31.0
N.C.	37,458	26,911	10,547	4,100	4,080	4,150	28.0	62.0	9.0	3.0	0.0
N.Dak.	6,030	4,500	2,180	3,800	3,400	4,600	40.0	25.0	30.0	4.0	1.0
Ohio	75,575	42,350	33,225	5,367	5,156	5,690	2.0	20.0	50.0	20.0	8.0
Oklta.	20,690	11,720	8,970	4,765	4,730	4,780	4.0	40.0	51.0	5.0	0.0
Oreg.	15,733	11,117	4,616	5,500	5,380	5,780	0.0	18.0	46.0	28.0	8.0
Pa.	74,653	38,355	36,298	5,250	5,260	5,245	0.0	23.0	48.0	24.0	5.0
R.I.	5,479	2,744	2,735	5,600	5,525	5,700	0.0	18.0	40.0	36.0	6.0
S.C.	20,890	12,585	8,305	3,725	3,630	3,875	40.0	50.0	8.0	2.0	0.0
S. Dak.	8,280	5,860	2,420	3,675	3,425	4,300	50.0	27.0	18.0	4.0	1.0
Tenn.	27,881	19,881	7,500	4,065	3,940	4,200	42.0	38.0	17.0	3.0	0.0
Tex.	81,410	54,930	26,480	4,490	4,410	4,650	9.0	45.0	28.5	16.0	1.5
Utah	8,200	4,500	3,700	4,050	4,925	4,975	1.0	27.0	47.0	24.0	1.0
Vt.	3,066	2,056	1,010	4,450	4,225	4,885	12.0	53.0	28.0	7.0	0.0
Va.	31,100	19,800	11,800	4,300	4,200	4,500	30.0	40.0	20.0	8.0	2.0
Wash.	24,100	14,310	9,790	5,510	5,400	5,690	0.0	25.0	30.0	30.0	15.0
W. Va.	15,420	9,230	6,190	3,980	3,700	4,350	40.0	49.0	10.0	1.0	0.0
Wis.	28,950	19,900	9,050	5,075	4,710	5,640	10.0	26.0	35.0	19.0	10.0
Wyo.	3,665	2,507	1,158	4,953	4,800	5,233	5.0	25.0	45.0	20.0	5.0

¹ Includes data for District of Columbia.² Not available.Source: National Education Association, Research Division; *Research Report, 1960-R 15, Estimates of School Statistics, 1960-61*, and office records.

Education

No. 166. PUBLIC SECONDARY SCHOOLS—NUMBER, ENROLLMENT, TEACHERS, AND PUPIL-TEACHER RATIOS, BY STATES: 1959

[Data are for regular 4-year, junior, senior, and junior-senior high schools, and cover grades 7-12. Excludes grades 7 and 8 of traditional elementary schools]

STATE	Number of schools	Enrollment	Classroom teachers	Pupil-teacher ratio ¹	STATE	Number of schools	Enrollment	Classroom teachers	Pupil-teacher ratio ¹
U.S.	24,284	11,105,419	487,577	22.7	Mo.	655	230,010	10,815	21.3
Ala.	837	263,555	10,387	25.4	Mont.	199	44,863	2,222	20.2
Alaska	36	7,700	383	20.0	Nebr.	455	79,055	4,391	18.1
Ariz.	110	67,504	2,950	22.9	Nev.	45	10,797	797	21.0
Ark.	569	158,026	6,216	25.4	N.H.	97	33,000	1,609	20.6
Calif.	816	910,338	36,642	24.8	N.J.	318	290,407	13,909	20.9
Colo.	355	121,090	5,809	21.0	N.Mex.	156	70,749	3,009	23.5
Conn.	180	137,018	6,491	21.1	N.Y.	978	834,432	30,500	21.1
Del.	54	28,462	1,381	20.6	N.C.	895	305,453	12,002	25.5
D.C.	39	35,832	1,717	20.9	N. Dak.	375	46,036	2,350	19.6
Fla.	515	824,410	13,340	24.4	Ohio	1,175	508,138	25,418	23.5
Ga.	628	250,265	10,109	24.5	Oklahoma	810	197,638	8,603	23.0
Hawaii	58	53,600	1,700	31.5	Oreg.	280	115,578	5,240	22.1
Idaho	186	59,098	2,499	23.6	Pa.	997	731,512	31,614	23.1
Ill.	631	487,901	22,340	21.8	R.I.	64	45,901	2,137	21.5
Ind.	763	302,384	13,226	22.9	S.C.	414	100,278	7,499	25.4
Iowa	854	186,906	9,925	18.8	S.Dak.	276	44,682	2,466	18.1
Kans.	662	142,150	7,771	18.3	Tenn.	524	231,404	8,664	26.7
Ky.	462	174,773	7,404	23.6	Tex.	1,911	633,467	20,622	21.4
La.	590	212,328	9,193	23.1	Utah	153	83,430	3,330	25.0
Maine	193	51,481	3,031	17.0	Vt.	84	20,424	1,064	19.2
Md.	237	205,402	8,400	24.5	Va.	464	230,010	10,710	22.3
Mass.	474	304,685	18,880	21.9	Wash.	389	201,210	8,418	23.9
Mich.	855	515,838	21,231	24.3	W. Va.	369	162,278	6,112	26.5
Minn.	587	250,232	11,778	21.2	Wis.	509	210,026	9,853	22.2
Miss.	614	163,409	6,880	23.7	Wyo.	97	24,580	1,331	18.3

¹ Average enrollment per classroom teacher.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Education in the United States, 1958-59*, Series No. 1, *Public Secondary Schools*.

No. 167. JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1920 TO 1960

[Beginning 1960, includes Hawaii. Beginning 1950, includes 2-year normal schools. See also *Historical Statistics, Colonial Times to 1957*, series H 325-326]

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1920	52	8,102	10	2,040	42	5,162
1930	277	55,616	129	36,501	148	10,115
1940	456	149,854	217	107,553	239	42,301
1950	506	243,830	279	188,794	227	55,045
1952	506	231,175	201	184,054	215	47,121
1954	518	325,804	203	272,036	225	53,708
1955, November ¹	469	205,553	270	249,028	193	45,625
1958, first term	490	340,385	283	207,680	207	51,705
1960, first term	509	403,524	310	348,538	199	54,986

¹ Data have been adjusted to conform to a major reclassification of institutions, which excludes from the "junior college" category those institutions (classified as technical institutes and semiprofessional schools) which do not offer programs consisting wholly or principally of work creditable toward a bachelor's degree. A total of 41,437 students were enrolled in these institutions in 1955 (32,057 in publicly controlled institutions and 9,380 in private institutions).

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education, and records.

No. 168. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX: 1900 TO 1960

[Beginning 1960, includes Alaska and Hawaii. Data cover graduates of both public and private institutions. See also *Historical Statistics, Colonial Times to 1957*, series H 232 and H 330-332. See also table 178.]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE ¹		
	Total	Male	Female	Total	Male	Female
1900-----	94,883	38,075	56,808	27,410	22,173	5,237
1920-----	311,266	123,684	187,582	48,622	31,980	16,642
1940-----	1,221,475	578,718	642,757	180,500	109,546	76,954
1950-----	1,199,700	570,700	629,000	432,058	328,841	103,217
1952-----	1,196,500	569,200	627,300	329,086	225,981	104,005
1954-----	1,276,100	612,500	663,600	200,826	186,528	104,207
1956-----	1,414,800	679,500	735,300	308,812	198,233	110,579
1958-----	1,505,900	725,500	780,400	362,554	240,990	121,564
1960-----	2,183,000	2,886,000	2,952,000	392,440	254,063	138,377

¹ Bachelor's or first professional degree. ² Preliminary.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 169. MARITAL STATUS OF HIGH SCHOOL AND COLLEGE STUDENTS, 14 TO 34 YEARS OLD, BY AGE AND SEX: 1960

[In thousands. As of October. Includes Alaska and Hawaii]

AGE AND ENROLLMENT STATUS	BOTH SEXES			MALE			FEMALE		
	Total	Married, spouse present		Total	Married, spouse present		Total	Married, spouse present	
		Number	Percent		Number	Percent		Number	Percent
ENROLLED IN HIGH SCHOOL									
Total-----	9,624	100	1.0	4,890	39	0.8	4,734	61	1.3
14 and 15 years-----	4,716	12	0.3	2,296	3	0.1	2,420	9	0.4
16 and 17 years-----	4,305	18	0.4	2,218	1	(1)	2,087	17	0.8
18 and 19 years-----	512	12	2.3	325	(1)	(1)	187	12	6.4
20 to 34 years-----	81	58	(1)	51	35	(1)	40	23	(1)
ENROLLED IN COLLEGE²									
Total-----	3,570	855	23.9	2,339	667	28.5	1,231	188	15.3
14 to 17 years-----	222	24	(1)	99	(1)	(1)	123	(1)	(1)
18 and 19 years-----	1,299	18	1.8	784	10	1.4	565	14	2.5
20 and 21 years-----	790	81	10.3	503	39	7.8	287	42	14.6
22 to 24 years-----	509	202	39.7	411	164	39.9	98	38	(1)
25 to 34 years-----	780	548	73.1	502	454	76.7	158	94	50.5

¹ Percent not shown where less than 0.1 or where base is less than 150,000.

² Includes 887 part-time students.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 110.

NO. 170. INSTITUTIONS OF HIGHER EDUCATION—FACULTY AND ENROLLMENT, BY SEX, AND INCOME AND EXPENDITURE: 1940 TO 1958

[All money figures in thousands of dollars. Excludes Alaska and Hawaii. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. See also *Historical Statistics, Colonial Times to 1957*, series H 316-321, H 339-362, and H 309.]

ITEM	1940	1950 ¹	1954 ¹	1956 ¹	1958 ¹
Number of institutions reporting staff, enrollment, and degrees conferred	1,708	1,851	1,863	1,850	1,930
Faculty ²	146,929	246,722	265,911	298,910	344,525
Male	106,328	186,180	204,871	230,342	267,482
Female	40,601	60,533	61,040	68,568	77,043
Resident college enrollment (degree credit)	1,494,203	2,659,021	2,514,712	2,637,245	2,809,555
Male	893,250	1,853,068	1,613,466	1,748,338	1,918,313
Female	600,953	805,953	601,246	680,047	981,252
Number of institutions reporting income and expenditures	1,609	1,851	1,863	1,850	1,930
Current income	715,211	2,374,645	2,945,550	3,603,370	4,641,387
Educational and general income	571,288	1,833,845	2,338,569	2,859,269	3,732,512
Student fees	200,897	394,610	551,424	722,215	934,203
Endowment earnings	71,304	96,341	127,475	145,000	181,585
Federal Government	38,860	524,910	417,097	489,801	707,049
State governments	151,222	491,630	740,042	878,349	1,138,454
Local governments	24,392	61,700	88,198	106,857	129,324
Private gifts and grants	40,463	118,627	100,890	245,085	324,420
Organized activities related to instructional departments	32,777	111,987	164,880	191,820	198,965
Miscellaneous	11,383	34,625	58,553	80,133	118,517
Auxiliary enterprises and activities	143,923	611,265	574,770	601,738	888,817
Other noneducational income	(C)	29,535	32,212	52,364	70,057
Receipts for plant expansion	66,200	528,747	408,667	821,183	1,220,616
Receipts for increase of endowment and other non-expendable funds	44,518	116,932	100,903	350,410	320,911
Current expenditure	674,689	2,245,661	2,882,864	3,499,463	4,509,666
Educational and general	521,990	1,706,444	2,271,296	2,766,367	3,604,414
Administration and general expense	62,827	213,070	288,147	355,217	473,945
Instruction and departmental research	280,248	780,994	960,555	1,140,655	1,465,603
Organized research	27,266	225,341	372,643	500,703	727,776
Libraries	19,487	56,147	72,944	85,563	109,715
Plant operation and maintenance	60,612	225,110	277,874	324,229	406,226
Organized activities related to instruction	27,225	119,108	186,005	222,007	245,804
Extension and public services	35,325	86,674	112,227	137,914	175,256
Auxiliary enterprises and activities	124,184	476,401	537,532	637,066	775,316
Scholarships, fellowships, and prizes	28,614	62,816	74,035	95,490	129,935
Expenditure for plant expansion	83,765	416,831	530,804	680,565	896,918

¹ Figures include estimates for institutions not reporting.

² Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff. For 1954 and 1956, total number of different persons (not reduced to full-time basis); data as of November 1953 and November 1955, respectively.

³ Data for first term 1957-58 academic year. ⁴ Data for November 1955. ⁵ Not reported separately.

⁶ Excludes expenditures from current funds.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

NO. 171. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY TYPE OF INSTITUTION AND BY SEX: 1960 AND 1961

[In thousands. Opening (fall) enrollment of degree-credit students. Includes Alaska, Hawaii, Puerto Rico Canal Zone, and Guam. Includes estimates]

TYPE OF INSTITUTION	1960			First-time students enrolled	1961			
	Total	Male	Female		Total	Male	Female	First-time students enrolled
All institutions	3,610	2,271	1,339	930	3,891	2,424	1,467	1,026
Universities	1,551	1,072	479	305	1,630	1,114	515	325
Liberal arts colleges	1,028	560	468	270	1,108	603	505	294
Independent professional schools:								
Teachers colleges	359	171	188	96	402	193	209	111
Technological schools	107	99	7	23	112	103	9	25
Theological schools	42	38	9	7	43	34	9	8
Other	70	62	18	13	75	65	20	17
Junior colleges	454	283	170	215	521	322	199	246

Source: Department of Health, Education, and Welfare, Office of Education; *Opening (Fall) Enrollment in Higher Education*, Circular OE-54007-61.

No. 172. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY SEX, BY STATES AND FOR OTHER AREAS: 1961

[Opening (fall) enrollment of degree-credit students. Includes resident and extension degree-credit students, full time and part time. Excludes students taking degree-credit work at home by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries]

STATE OR OTHER AREA	TOTAL ENROLLMENT			FIRST-TIME STUDENTS		
	Total	Male	Female	Total	Male	Female
United States.....	3,860,643	2,408,601	1,452,042	1,018,361	591,913	426,448
New England.....	250,692	163,975	86,717	65,680	40,367	25,322
Maine.....	13,687	8,849	5,338	4,012	2,476	1,536
New Hampshire.....	13,824	8,757	4,867	3,620	2,107	1,513
Vermont.....	10,053	6,937	4,116	3,435	1,867	1,578
Massachusetts.....	138,167	92,246	45,021	34,930	21,341	13,589
Rhode Island.....	19,842	12,630	7,212	5,607	3,652	2,045
Connecticut.....	55,319	36,056	19,263	13,095	8,934	5,061
Middle Atlantic.....	667,747	421,808	245,939	137,087	82,132	54,955
New York.....	370,619	226,372	144,247	67,389	30,524	27,805
New Jersey.....	92,727	60,773	31,954	21,172	12,648	8,524
Pennsylvania.....	204,401	134,603	69,738	48,526	20,960	18,566
East North Central.....	761,482	470,921	290,561	189,212	109,121	80,091
Ohio.....	188,016	116,284	71,732	48,001	28,132	19,869
Indiana.....	105,294	68,122	37,172	26,100	15,443	10,657
Illinois.....	216,577	134,407	82,270	56,297	32,134	24,163
Michigan.....	160,822	103,982	65,840	37,821	21,601	16,280
Wisconsin.....	81,773	48,226	33,547	20,003	11,321	9,172
West North Central.....	352,171	218,244	133,927	103,596	59,343	44,253
Minnesota.....	83,174	50,043	32,231	23,870	13,299	10,577
Iowa.....	61,154	36,986	24,168	17,632	10,159	7,473
Missouri.....	88,700	55,838	32,952	20,433	14,002	11,441
North Dakota.....	14,201	9,275	4,926	4,709	2,753	2,016
South Dakota.....	15,270	9,439	5,881	4,977	2,904	2,078
Nebraska.....	33,434	20,373	13,061	8,922	5,178	3,744
Kansas.....	56,148	35,300	20,758	16,087	10,058	6,029
South Atlantic.....	450,191	273,911	176,280	120,342	66,327	54,015
Delaware.....	8,002	4,087	3,015	2,404	1,465	1,029
Maryland.....	59,931	39,203	20,728	12,338	7,009	5,230
District of Columbia.....	46,805	30,576	16,319	7,106	3,698	3,408
Virginia.....	61,908	34,675	27,233	18,268	9,069	9,249
West Virginia.....	31,610	18,775	12,895	8,911	5,210	3,701
North Carolina.....	77,481	46,704	30,687	23,211	12,826	10,385
South Carolina.....	32,749	19,113	13,636	9,879	5,479	4,400
Georgia.....	51,955	31,821	20,134	14,570	8,124	6,455
Florida.....	79,600	47,967	31,693	23,866	13,417	10,149
East South Central.....	202,902	120,813	82,080	59,822	33,697	26,125
Kentucky.....	51,784	29,434	22,350	14,583	8,201	6,382
Tennessee.....	64,579	39,401	25,118	18,426	10,534	7,801
Alabama.....	47,907	29,237	18,730	13,041	7,401	5,640
Mississippi.....	38,572	22,681	15,891	13,773	7,601	6,212
West South Central.....	348,438	221,387	127,051	94,992	55,998	38,994
Arkansas.....	27,719	17,046	10,673	6,640	5,809	3,741
Louisiana.....	62,312	36,980	25,332	14,722	7,968	6,724
Oklahoma.....	59,623	39,576	20,047	17,036	10,613	6,523
Texas.....	193,784	127,785	70,996	53,694	31,588	22,006
Mountain.....	180,909	114,549	66,360	50,262	29,464	20,798
Montana.....	13,809	9,236	4,633	4,020	2,645	1,484
Idaho.....	12,412	8,033	4,379	4,633	2,783	1,760
Wyoming.....	7,117	4,446	2,671	2,021	1,285	736
Colorado.....	49,707	30,528	19,179	13,400	7,525	5,876
New Mexico.....	19,253	13,110	6,143	4,934	3,104	1,770
Arizona.....	38,239	24,235	14,004	10,081	5,940	4,132
Utah.....	35,574	21,946	13,628	10,112	5,548	4,564
Nevada.....	4,738	3,016	1,723	1,162	665	487
Pacific.....	632,721	389,611	243,110	194,583	112,688	81,895
Washington.....	70,743	43,702	26,951	21,790	12,406	9,284
Oregon.....	47,788	28,084	19,702	15,778	8,749	7,029
California.....	499,505	303,137	100,388	162,054	88,982	63,672
Alaska.....	2,990	1,929	1,081	1,123	887	436
Hawaii.....	11,897	6,669	5,028	3,248	1,774	1,474
U.S. Service Academies.....	13,390	13,382	8	2,776	2,776	-----
Puerto Rico.....	28,672	14,268	14,414	6,690	3,285	3,436
Canal Zone.....	597	298	220	281	140	132
Guam.....	1,388	830	558	765	477	278

Source: Department of Health, Education, and Welfare, Office of Education; *Opening (Fall) Enrollment in Higher Education, 1961: Institutional Data*, Circular OE-54003-61.

No. 173. INSTITUTIONS OF HIGHER EDUCATION—NUMBER, FACULTY, AND ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1960

[See headnote, table 170]

STATE OR OTHER AREA	Number of institu- tions	FACULTY ¹		RESIDENT ENROLLMENT (Degree credit) ²			Veterans en- rolled in degree- credit courses	EARNED DEGREES CONFERRED		
				Undergraduate		Grad- uate		Bach- elor's or 1st profes- sional	Mas- ter's or 2nd level	Doc- tor- ates
		Male	Female	Full- time	Part- time					
United States	2,008	296,773	83,781	2,196,214	677,510	341,820	264,795	392,440	74,435	9,829
New England										
Maine	173	24,153	6,558	152,597	36,181	28,235	16,225	30,444	6,852	1,116
New Hampshire	20	991	335	10,228	113	178	940	1,950	178	1
Vermont	11	1,143	322	9,418	488	487	681	1,874	221	0
Massachusetts	15	988	299	8,503	206	161	383	1,445	171	2
Rhode Island	87	15,028	3,538	85,338	22,980	17,319	10,538	17,803	4,588	784
Connecticut	10	1,012	477	1,044	1,682	1,580	1,088	2,182	204	48
Middle Atlantic	30	4,441	1,587	27,271	10,712	8,610	2,595	5,100	1,490	272
New York	164	32,710	8,570	172,543	88,920	69,463	24,150	37,061	11,176	1,445
New Jersey	38	6,332	1,507	41,047	26,933	9,660	9,068	8,304	1,689	249
Pennsylvania	124	17,786	4,710	122,481	32,345	21,821	14,387	24,850	3,805	824
East North Central	335	56,996	15,354	421,431	128,240	68,732	47,049	77,410	16,278	2,559
Ohio	67	13,185	3,434	106,982	38,293	13,085	12,864	18,957	2,713	371
Indiana	42	8,389	2,175	60,179	7,154	9,823	6,204	12,117	3,033	490
Illinois	105	18,808	5,069	107,172	46,263	21,659	11,397	19,160	4,436	823
Michigan	59	9,452	2,486	95,200	27,225	18,568	11,021	17,708	4,565	512
Wisconsin	62	7,162	2,210	51,898	9,305	5,697	5,503	9,438	1,526	373
West North Central	248	27,349	8,752	231,757	38,162	20,739	23,562	42,013	5,604	888
Minnesota	43	6,328	2,151	52,601	4,190	4,724	4,610	9,476	1,090	245
Iowa	50	4,371	1,577	42,426	3,589	3,717	3,348	7,637	987	273
Missouri	59	7,489	2,223	55,705	16,104	5,224	6,907	9,803	1,392	183
North Dakota	12	1,028	261	11,199	555	626	1,298	1,819	221	8
South Dakota	16	1,255	409	11,475	936	620	1,346	2,243	313	6
Nebraska	23	2,787	734	21,772	4,922	2,005	2,329	4,296	488	70
Kansas	45	4,001	1,397	36,579	7,866	3,814	3,724	6,739	1,104	103
South Atlantic	206	35,587	11,967	273,345	64,827	32,264	30,288	47,495	6,754	887
Delaware	4	551	145	3,664	64	1,036	397	451	144	23
Maryland	39	5,827	1,696	28,375	17,326	5,416	4,017	5,457	760	210
District of Columbia	27	4,493	1,175	17,952	11,900	11,720	3,800	4,255	1,327	148
Virginia	41	4,571	1,686	38,519	6,456	1,818	2,472	6,573	579	73
West Virginia	20	1,656	767	21,387	4,220	1,084	2,758	3,784	506	6
North Carolina	60	5,846	2,268	54,810	3,470	3,792	4,870	6,517	1,488	202
South Carolina	31	2,285	1,096	25,490	1,526	1,104	1,830	4,317	288	14
Georgia	49	4,975	1,569	35,293	5,049	2,286	3,844	6,541	674	47
Florida	35	5,383	1,654	44,846	14,808	4,008	5,700	6,600	993	136
East South Central	156	14,339	5,821	138,192	20,620	9,844	13,912	24,360	3,854	209
Kentucky	39	3,183	1,434	31,754	9,013	2,538	3,142	5,765	877	60
Tennessee	46	5,365	1,790	43,018	6,356	4,103	4,266	7,630	1,599	104
Alabama	28	3,410	1,351	35,024	2,830	1,080	4,275	6,185	882	33
Mississippi	43	2,391	1,246	28,396	2,421	1,214	2,280	4,780	496	12
West South Central	174	23,113	7,365	231,666	56,212	19,716	25,325	37,299	6,501	508
Arkansas	19	1,663	656	19,981	2,232	1,164	1,981	3,617	612	18
Louisiana	22	5,022	1,717	42,532	8,146	8,687	3,303	6,762	850	101
Oklahoma	34	3,956	1,147	42,258	7,968	4,030	4,993	6,761	1,290	297
Texas	99	12,472	3,845	126,895	37,866	10,836	14,958	20,250	3,749	297
Mountain	70	12,532	2,929	109,687	23,137	14,626	14,359	18,322	3,775	263
Montana	11	1,083	285	10,162	1,042	611	1,282	1,773	247	18
Idaho	8	863	237	8,924	1,255	388	1,049	1,242	183	-----
Wyoming	5	555	145	4,409	989	341	497	725	167	11
Colorado	21	3,650	787	30,464	3,039	4,011	3,355	5,696	1,521	132
New Mexico	9	1,271	369	9,877	3,031	2,257	2,718	1,453	455	10
Arizona	7	1,750	457	19,067	8,066	3,538	2,944	2,033	629	31
Utah	8	2,988	604	24,533	3,846	2,830	3,274	4,157	509	66
Nevada	1	363	85	2,231	1,079	654	260	343	64	-----
Pacific	211	43,634	10,165	289,763	161,932	46,071	46,470	41,764	7,834	1,210
Washington	27	4,617	1,423	42,815	9,221	4,310	5,531	7,191	879	163
Oregon	27	4,250	936	28,023	2,175	2,180	2,948	4,048	869	98
California	152	83,903	7,844	211,808	147,626	38,246	37,167	28,506	6,013	949
Alaska	1	220	67	616	875	119	70	88	11	-----
Hawaii	4	735	395	6,441	2,036	1,216	745	1,036	63	-----
U.S. Service Academies	9	2,242	83	11,705	1	641	-----	2,128	253	1
Puerto Rico	5	1,147	890	15,347	3,700	780	2,787	2,440	62	-----
Canal Zone	1	15	10	134	138	-----	6	-----	-----	-----
Guam	1	39	9	117	437	-----	11	-----	-----	-----

¹ See footnote 3, table 170.

² Data for first term 1959-60.

Source: Department of Health, Education, and Welfare, Office of Education; records.

Higher Education

135

No. 174. INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, INCOME, AND EXPENDITURE, BY STATES AND FOR OTHER AREAS: 1958

[In thousands of dollars]

STATE OR OTHER AREA	Value of plant and plant funds ¹	NONEXPENDABLE FUND		INCOME FOR—			EXPENDITURE	
		Endow- ment and an- nuity ²	Student loan	Current oper- ations	Nonex- pend- able funds	Plant expans- ion ³	Current oper- ations	Plant expans- ion
United States	12,104,891	4,738,496	71,138	4,653,881	330,322	1,224,898	4,521,823	900,811
New England	1,034,026	1,002,004	13,690	412,599	81,101	90,502	400,219	52,396
Maine	52,475	28,000	238	17,287	1,144	7,441	16,908	1,934
New Hampshire	42,681	61,122	1,272	21,060	11,006	3,741	21,029	4,242
Vermont	35,625	19,116	620	16,400	720	2,238	15,923	2,104
Massachusetts	606,361	613,005	8,856	265,245	44,910	28,402	256,973	20,490
Rhode Island	70,252	36,672	237	23,918	2,217	13,516	22,750	8,700
Connecticut	200,632	243,000	2,507	68,680	21,014	35,074	60,936	14,836
Middle Atlantic	2,049,816	1,143,346	10,135	793,781	69,101	153,221	772,703	129,432
New York	1,118,225	716,105	5,282	451,819	39,724	92,406	440,692	82,740
New Jersey	261,744	130,200	1,507	80,196	8,707	12,875	84,557	10,653
Pennsylvania	609,843	206,972	3,256	252,766	20,610	47,940	247,454	36,039
East North Central	2,394,041	660,320	11,219	942,310	48,590	273,526	920,204	201,938
Ohio	515,362	195,184	2,824	180,985	11,774	67,998	184,004	37,790
Indiana	302,018	71,625	1,560	135,050	4,263	48,215	130,601	42,813
Illinois	612,807	300,573	3,012	290,500	26,752	52,708	292,207	37,216
Michigan	639,772	55,761	2,706	231,864	3,675	83,585	224,967	68,549
Wisconsin	233,932	34,227	1,057	88,911	2,120	21,020	88,425	16,570
West North Central	1,098,372	258,821	6,237	418,686	18,494	86,551	400,638	71,537
Minnesota	247,006	88,704	1,416	103,056	4,167	23,105	98,646	16,079
Iowa	182,473	86,921	937	91,277	2,572	9,220	87,466	10,179
Missouri	204,249	85,745	1,983	91,953	4,260	24,408	88,666	23,349
North Dakota	52,552	6,891	261	16,830	148	2,745	16,042	1,334
South Dakota	43,084	6,730	199	17,702	171	4,282	16,819	3,817
Nebraska	107,380	13,086	498	37,077	803	8,632	35,540	4,877
Kansas	170,050	21,144	943	60,701	1,323	14,000	68,459	12,402
South Atlantic	1,690,842	470,508	9,486	553,366	26,062	129,517	542,026	101,383
Delaware	27,443	17,852	38	7,652	2,080	2,316	7,639	4,570
Maryland	109,218	91,476	287	92,806	4,442	14,953	91,242	12,420
District of Columbia	143,340	28,924	449	52,054	864	15,576	52,250	10,880
Virginia	214,098	82,877	1,277	80,937	3,327	15,809	78,741	16,397
West Virginia	107,682	7,146	376	29,121	817	5,520	29,491	3,124
North Carolina	340,492	125,093	2,403	107,297	5,047	26,589	103,415	14,488
South Carolina	145,748	15,913	2,117	37,959	1,019	12,213	37,525	11,184
Georgia	196,996	84,108	2,178	73,195	4,096	11,732	71,917	9,370
Florida	215,330	16,510	1,171	71,885	2,840	24,744	60,906	18,970
East South Central	604,449	190,248	3,885	205,079	11,675	47,446	200,820	36,190
Kentucky	170,260	50,893	858	46,111	3,884	16,663	46,233	12,095
Tennessee	201,117	95,329	1,661	69,582	4,932	14,237	67,937	12,278
Alabama	129,540	35,530	1,108	53,784	2,017	7,974	52,025	7,305
Mississippi	103,532	8,496	198	35,602	292	8,572	35,025	4,512
West South Central	1,105,906	577,073	9,371	361,667	43,290	116,257	346,882	77,665
Arkansas	92,300	15,994	485	33,174	2,263	10,336	30,801	6,417
Louisiana	203,090	44,194	528	72,115	1,000	24,289	71,259	18,192
Oklahoma	187,714	25,324	5,376	57,795	2,365	9,908	56,019	13,755
Texas	622,802	401,561	2,982	108,503	37,072	71,724	188,503	39,301
Mountain	476,459	56,392	1,800	187,343	4,130	56,028	178,769	50,127
Montana	64,108	7,106	239	18,018	382	6,556	16,866	4,320
Idaho	43,737	13,030	86	14,171	303	3,532	13,516	4,080
Wyoming	24,362	7,627	207	9,810	242	1,318	8,588	598
Colorado	129,068	13,513	800	58,872	1,445	13,688	56,891	11,562
New Mexico	54,132	8,348	61	22,176	672	5,360	21,602	5,552
Arizona	70,769	1,800	103	25,010	183	9,494	23,304	8,675
Utah	88,189	3,520	215	35,190	750	12,950	33,837	12,660
Nevada	12,094	1,362	80	4,687	153	3,130	4,105	1,702
Pacific	1,426,443	879,786	5,315	696,885	32,880	236,270	679,640	144,567
Washington	214,733	71,440	547	76,051	5,771	35,457	72,101	18,307
Oregon	136,975	12,959	1,010	51,449	1,482	15,149	50,742	8,476
California	1,048,271	204,072	3,684	556,891	25,217	181,382	544,640	113,821
Alaska	9,162	1,003	36	4,111	382	2,981	3,984	2,599
Hawaii	17,302	312	38	8,383	28	1,301	8,178	1,204
U.S. Service Academies	324,537			82,164		35,579	80,421	35,577
Puerto Rico	31,146	805	99	21,371	103	2,301	21,484	1,302
Canal Zone	317			112			112	
Guam	231			148			144	

¹ Grounds, buildings, equipment, and unexpired plant funds.

² Comprises all nonexpendable funds other than student loans.

³ Includes loans and transfers from current funds.

No. 175. COLLEGE ENROLLMENT OF PERSONS 16 TO 24 YEARS OLD, BY SEX, AND BY EDUCATIONAL STATUS OF FATHER: 1960

[In thousands. As of October. Includes Alaska and Hawaii. Excludes persons who are enrolled below the college level]

COLLEGE ENROLLMENT AND SEX	Total	EDUCATIONAL STATUS OF THE FATHER				
		Did not graduate from high school	Graduated from high school, did not attend college	Attended college, did not graduate	Graduated from college	Not reported
Both sexes, 16 to 24 years	15,688	9,717	2,664	892	1,158	1,257
Enrolled in college	2,820	1,032	666	382	653	87
Percent	18.0	10.6	25.0	42.8	56.4	6.9
Male, 16 to 24 years	7,114	4,448	1,226	412	547	481
Enrolled in college	1,747	656	440	214	390	47
Percent	24.6	14.7	35.9	51.9	71.3	9.8
Female, 16 to 24 years	8,574	5,269	1,438	480	611	776
Enrolled in college	1,073	376	226	168	263	40
Percent	12.5	7.1	15.7	35.0	43.0	5.2

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 110.

No. 176. NEGRO INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS,
AND EARNED DEGREES CONFERRED: 1950, 1956, AND 1958

[Excludes Alaska and Hawaii]

ITEM	1950	1956	1958					
			Total	Universities, colleges, and pro- fessional schools		Teachers colleges ¹	Junior colleges ²	
				Publicly controlled	Privately controlled		Publicly controlled	Privately controlled
Number of institutions	105	98	98	21	52	12	4	9
Faculty ³ ⁴	6,933	7,724	8,081	3,885	3,514	838	157	187
Male	4,151	4,726	4,897	2,045	2,234	438	80	100
Female	2,782	2,998	3,184	1,340	1,280	400	77	87
RESIDENT COLLEGE STUDENTS ⁴								
Regular session:								
Total	76,561	74,761	78,839	35,502	30,550	9,922	1,492	1,313
Male	40,677	33,915	36,956	17,636	14,478	3,332	900	610
Female	35,884	40,846	41,883	17,926	16,072	6,590	592	703
Graduate	2,304	2,870	3,414	2,365	953	96	-----	-----
Male	1,161	1,105	1,327	840	465	22	-----	-----
Female	1,143	1,774	2,087	1,526	488	74	-----	-----
First time in any college	21,368	21,970	23,155	10,833	8,041	3,062	572	647
Male	10,018	10,344	10,784	5,405	3,500	1,132	349	308
Female	10,765	11,626	12,371	5,428	4,451	1,930	223	339
EARNED DEGREES CONFERRED								
Bachelor's and first pro- fessional	13,108	12,084	11,793	4,717	5,142	1,934	-----	-----
Male	6,467	4,323	4,015	2,090	2,252	573	-----	-----
Female	6,041	7,701	6,878	2,627	2,890	1,361	-----	-----
Master's and second pro- fessional	768	1,378	1,331	923	325	83	-----	-----
Male	335	537	502	301	170	31	-----	-----
Female	433	841	820	622	155	52	-----	-----
OTHER TYPES OF STUDENTS ⁴								
Extension courses	4,596	3,302	2,475	633	194	-----	-----	-----
Correspondence courses	183	82	82	-----	-----	17	37	-----
Adult education	329	289	235	-----	-----	-----	37	-----
Terminal occupational education	844	1,157	923	16	141	67	10	-----
Short-course enrollments	441	310	310	-----	-----	-----	-----	-----

¹ All publicly controlled.

² Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.

³ Total number of different persons (not reduced to full-time basis). Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff.

⁴ 1956 data are as of November 1955; 1958 data are for the first term of 1957-58 academic year.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Higher Education.

No. 177. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, LEVEL OF DEGREE, AND SEX: 1960
 [Includes Alaska, Hawaii, and Puerto Rico]

MAJOR FIELD OF STUDY	BACHELOR'S OR 1ST PROFESSIONAL DEGREES ¹			MASTER'S OR 2D-LEVEL DEGREES ²			DOCTORATE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All fields.....	394,889	255,504	139,385	74,497	50,937	23,560	9,829	8,801	1,028
Agriculture.....	4,898	4,805	93	996	984	12	411	404	7
Animal husbandry.....	1,056	1,029	27	173	172	1	90	87	3
All other.....	3,842	3,776	66	823	812	11	321	317	4
Architecture (excluding architectural engineering).....	1,801	1,744	57	319	305	14	17	17	
Biological sciences ³	15,055	11,693	3,962	2,164	1,088	486	1,205	1,080	119
Biological and premedical, general.....	3,182	2,909	213	26	23	3	4	4	
Biology, general.....	8,409	5,713	2,696	617	442	175	141	126	15
Zoology, general.....	2,260	1,685	565	364	275	89	185	160	25
All other.....	1,814	1,326	488	1,147	928	219	875	796	79
Business and commerce.....	51,622	47,629	3,893	4,043	4,476	167	135	133	2
Accounting.....	10,769	10,311	458	470	447	28	15	15	
Other specific major fields.....	19,829	18,915	914	2,000	2,635	74	45	44	1
General, without major specialization.....	18,727	17,601	1,226	1,526	1,406	60	75	74	1
All other.....	2,197	902	1,295	38	28	10			
Education.....	90,179	20,178	64,001	33,512	18,126	15,386	1,590	1,281	309
Specialized teaching fields.....	36,095	19,109	18,988	7,333	4,905	3,028	276	214	62
General teaching fields.....	52,751	6,636	46,115	9,922	8,005	6,317	174	128	46
Nonteaching fields.....	223	126	97	15,752	9,052	5,800	1,099	911	188
All other.....	1,110	307	803	505	264	241	41	28	13
Engineering.....	37,808	37,663	146	7,159	7,133	26	786	783	3
English and journalism.....	22,456	9,001	13,455	3,192	1,670	1,522	405	321	84
English and literature (including comparative literature).....	20,184	7,507	12,587	2,931	1,458	1,473	397	314	83
Journalism.....	2,272	1,404	898	261	212	49	8	7	1
Fine and applied arts.....	13,166	6,141	7,026	2,802	1,768	1,120	292	238	84
Music.....	2,988	1,254	1,734	1,171	737	434	119	101	18
Speech and dramatic arts.....	4,153	1,980	2,104	924	647	377	146	117	29
All other.....	6,025	2,808	8,127	797	479	318	27	20	7
Foreign languages and literature.....	5,498	2,008	3,400	1,134	593	541	220	166	63
Forestry.....	1,437	1,437	-----	207	200	1	20	20	
Geography.....	973	858	115	206	177	29	68	64	4
Health professions.....	24,557	15,170	9,387	1,872	1,076	797	107	99	8
Dentistry, D.D.S. and D.M.D. only.....	3,247	3,221	26	-----	-----	-----	-----	-----	-----
Medicine, M.D. only.....	7,074	6,680	304	-----	-----	-----	-----	-----	-----
Nursing.....	6,661	81	6,580	599	14	585	-----	50	1
Pharmacy (excl. pharmacology).....	3,492	3,076	416	131	120	11	51	49	7
All other.....	4,083	2,112	1,971	1,142	941	201	56	40	34
Horme economics.....	4,450	60	4,390	484	11	473	40	6	
Law (LL.B., J.D., or higher degrees).....	9,314	9,073	241	520	496	24	24	24	
Library science.....	1,938	467	1,471	306	70	235	19	17	2
Mathematical subjects.....	11,437	8,312	3,125	1,765	1,428	387	303	285	18
Mechanic Marine—Deck-officer curriculum only.....	202	202	-----	-----	-----	-----	-----	-----	-----
Military, naval, or air force science.....	2,369	2,366	3	-----	-----	-----	-----	112	25
Philosophy.....	3,466	3,052	414	383	385	48	137	1,776	62
Physical sciences ⁴	16,057	14,041	2,016	3,387	3,080	827	1,888	1,048	48
Chemistry (excl. biochemistry).....	7,603	6,008	1,508	1,223	1,026	203	1,000	477	10
Physics.....	4,338	4,165	172	1,073	1,038	36	487	186	4
Geology.....	2,428	2,353	76	574	500	14	190	113	
All other.....	1,688	1,517	171	512	437	75	113		
Psychology.....	8,111	4,785	3,326	1,406	981	425	641	544	97
Religion.....	9,022	7,563	1,439	1,381	1,124	207	270	205	11
Religious education and Bible.....	3,024	2,011	1,013	384	252	132	80	27	3
Theology.....	5,184	5,097	87	-----	-----	-----	-----	8	
All other.....	794	455	330	947	872	75	246	238	
Social sciences ⁵	51,802	45,801	16,001	5,938	4,765	1,233	1,237	1,117	120
Social sciences, general.....	9,237	6,137	3,100	843	609	234	15	16	
Economics (excl. agric. econ.).....	7,488	6,816	672	708	650	58	237	223	14
History.....	14,783	10,014	4,769	1,794	1,363	441	342	310	32
Political science or government.....	6,057	5,401	1,256	722	593	129	201	184	17
Sociology.....	7,182	3,171	4,011	440	327	113	101	135	26
Social work, social administration.....	2,250	801	1,458	239	119	120	23	14	9
All other.....	4,106	3,461	735	1,262	1,114	138	258	236	22
Trade and industrial training.....	1,543	1,537	11	-----	-----	-----	-----	-----	-----
Miscellaneous.....	5,243	3,828	1,415	632	491	141	40	34	6

¹ Includes master's degrees when they constitute the first-professional degree in their respective fields.

² Excludes such degrees as master of library science, master of social work, master of business administration, etc., when these constitute first-professional degrees.

³ Excludes geography, listed independently.

⁴ Excludes geography, philosophy, and psychology, listed independently.

⁵ Excludes geography, philosophy, and psychology, listed independently.

Source: Department of Health, Education, and Welfare, Office of Education; *Summary Report on Bachelor's and Higher Degrees Conferred During the Year 1959-60*, Circular OE-54010-60.

No. 178. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1940 TO 1960

[Beginning 1948, includes Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series H 327-338, for figures excluding Alaska, Hawaii, and Puerto Rico]

YEAR	TOTAL	BACHELOR'S OR 1ST PROFESSIONAL DEGREES	MASTER'S OR 2D-LEVEL DEGREES	DOCTORATE	YEAR	TOTAL	BACHELOR'S OR 1ST PROFESSIONAL DEGREES	MASTER'S OR 2D-LEVEL DEGREES	DOCTORATE
1940	216,521	186,500	26,731	3,290	1953	374,189	304,857	61,023	8,309
1944	141,582	126,803	18,414	2,308	1954	365,691	292,880	56,323	8,906
1946	157,349	136,174	19,209	1,066	1955	354,446	287,401	58,204	8,840
1948	318,749	272,311	42,449	3,986	1956	370,495	311,298	59,294	8,908
1949	422,611	366,698	50,763	5,050	1957	411,058	340,347	61,055	8,766
1950	408,536	433,734	58,219	6,638	1958	440,304	365,748	65,614	8,942
1951	456,822	384,352	65,132	7,338	1959	404,008	385,151	69,497	9,366
1952	403,194	331,924	63,587	7,083	1960	479,215	304,889	74,497	9,829

Source: Department of Health, Education, and Welfare, Office of Education; *Earned Degrees Conferred by Higher Educational Institutions, 1957-58*, Circular No. 636, OE-54013 and *Advance Report: Survey of Earned Degrees Granted During Year 1959-60*, Circular OE-54010-80.

No. 179. LAND-GRANT INSTITUTIONS—FINANCES AND STUDENTS: 1960

[Enrollment data are for first semester or first quarter, 1959-60; income and expenditure figures for year ending June 30. Includes Alaska, Hawaii, and Puerto Rico. Land-grant colleges and universities are so called because public lands were granted to the States for their establishment or support. All 68 conform to certain broad policy stipulations of Federal law.]

ITEM	52 INSTITUTIONS	16 INSTITUTIONS ¹	ITEM	TOTAL	MALE	FEMALE
CURRENT INCOME (\$1,000)						
Total	1,707,112	38,077	STUDENTS			
Educational and general			52 INSTITUTIONS:			
Student tuition and fees	1,458,404	27,906	Resident and extension,			
Federal Government	145,642	3,932	total	660,227	461,236	198,991
From Veterans Adm.	449,555	829	Degree-credit	610,704	428,901	183,803
Regular appropriations	207	19	Resident	523,309	378,462	149,847
Grants or contractual amounts for research	87,708	501	Undergraduate	451,263	317,511	133,752
Other grants or payments	347,778	254	Graduate	77,046	60,051	16,095
State governments	13,684	55	Extension	82,895	48,430	33,956
Local governments	656,446	22,144	Nondegree-credit	49,628	34,335	15,188
Endowment earnings	7,649	103	Resident	7,088	5,306	1,782
Private gifts and grants	13,936	26	Adult education	2,176	1,441	735
Sales and services and organized activities	63,634	24	Terminal occupational	4,912	3,865	1,047
Miscellaneous	96,102	581	Extension	42,435	20,029	13,406
Auxiliary enterprises	25,498	178	Other enrollments, total	165,549	110,473	55,076
Scholarships, fellowships, and prizes	229,348	10,062	Mail courses	55,973	31,707	24,266
	19,301	100	TV or radio courses	263	106	147
CURRENT EXPENDITURE (\$1,000)						
Total	1,664,019	36,471	Short courses	108,840	78,486	30,354
Educational and general			Individual lessons only	433	174	309
Administration and general	1,420,462	27,103	16 INSTITUTIONS:			
Instruction and departmental research	112,426	4,539	Resident and extension,			
Organized research	422,719	14,611	total	30,049	14,830	15,219
Extension and public services	495,068	115	Degree-credit	28,933	13,808	15,035
Libraries	161,019	488	Resident	27,594	13,030	13,964
Operation and maintenance of the physical plant	29,847	1,208	Undergraduate	26,169	13,073	13,096
Organized activities related to educational departments	106,006	5,234	Graduate	1,425	557	888
Auxiliary enterprises	93,379	909	Extension	1,339	268	1,071
Scholarships, fellowships, and prizes	211,173	8,997	Nondegree-credit	1,116	932	184
	32,384	370	Resident	987	862	125
			Extension	128	70	59
¹ Attended predominantly by Negro students.						
Source: Department of Health, Education, and Welfare, Office of Education; <i>Statistics of Land-Grant Colleges and Universities</i> , Circular OE-5002-60.						

¹ Attended predominantly by Negro students.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Land-Grant Colleges and Universities*, Circular OE-5002-60.

No. 180. ADULT EDUCATION PROGRAMS—FUNDS, BY SOURCE: 1959

[Excludes Alaska and Hawaii. Based on sample survey. Data refer to organized educational programs for adults and out-of-school youths, conducted by local public school systems. For detailed definitions and methodology, see source.]

SOURCE OF FUNDS	Total	Percent
Total	\$76,442,000	100.0
School district or local tax funds	31,301,000	40.9
Fee or tuition payments received from students	14,905,000	19.6
State aid for general adult education	13,728,000	17.9
State and Federal aid for vocational adult education	12,747,000	16.7
Veterans Administration payments	2,572,000	3.4
Other sources	1,120,000	1.5
Mean funds of school systems having a program for adults	15,800	-----
Median funds of school systems having a program for adults	1,290	-----

¹ Includes \$3,620,000 used for informal group activities for adults.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public School Adult Education, 1958-59*.

No. 181. ADULT EDUCATION CLASSES—NUMBER, ENROLLMENT, AND HOURS IN SESSION, BY FIELD OF INSTRUCTION: 1959

[Excludes Alaska and Hawaii. See headnote, table 180]

FIELD OF INSTRUCTION	CLASSES		ENROLLMENT			CLOCK HOURS IN SESSION		
	Number	Percent	Total (1,000)	Percent	Mean enrollment per class	Total (1,000)	Percent	Mean hours per class
All fields	135,000	100.0	3,421	100.0	25	9,588	100.0	75
Americanization and citizenship	4,050	3.7	171	5.0	35	508	5.2	105
Literacy education	1,430	1.1	48	1.4	35	207	2.1	145
Elementary education	1,450	1.1	88	1.1	25	290	3.0	205
High school academic education	15,900	11.7	411	12.0	25	1,518	15.4	95
Advanced academic education	2,510	1.8	51	1.5	20	78	0.8	30
Civic and public affairs	1,120	0.8	73	2.1	65	42	0.4	35
Personal development and group relationships	2,600	2.0	72	2.1	25	82	0.8	30
Family relationships	3,570	2.6	132	3.9	35	155	1.6	45
Homemaking and consumer education	20,400	15.1	450	13.4	25	841	8.5	40
Agricultural courses	5,100	3.8	108	3.1	20	405	4.1	80
Distributive education	3,100	2.3	89	2.6	30	154	1.6	50
Trade, industrial, and technical courses	27,300	20.2	560	16.4	20	3,378	34.3	125
Business education	14,600	10.8	372	10.9	25	878	8.9	60
Fine arts	6,000	4.4	167	4.9	30	288	2.9	50
Techniques in practical arts and crafts	12,500	9.3	281	8.2	20	504	5.1	40
Health and physical education	5,680	4.2	100	5.5	35	176	1.8	30
Safety and driver education	3,900	2.9	117	3.4	30	248	2.5	65
Remedial education	420	0.3	9	0.3	20	21	0.2	50
Inservice training for professional persons	1,970	1.5	65	1.9	35	57	0.6	30
Other	490	0.4	11	0.3	25	22	0.2	45

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public School Adult Education, 1958-59*.

No. 182. PUBLIC LIBRARY SYSTEMS—SELECTED DATA: 1959 AND 1960

[For fiscal years. 1959 data include some libraries in Hawaii; 1960 data include Alaska and Hawaii. 1959 classification based on 1950 census; 1960 classification based on 1960 census]

ITEM	LIBRARY SYSTEMS SERVING—						
	Populations of 100,000 or more ¹		Populations of 50,000 to 99,999		Populations of 35,000 to 49,999		
	1959 (201 systems)	1960 (254 systems)	1959 (215 systems)	1960 (318 systems)	1959 (206 systems)	1960 (260 systems)	
Population served.....	1,000	62,286	80,392	15,224	21,732	8,504	10,433
Operating expenditures:							
Total.....	\$1,000	128,758	148,406	24,472	30,979	12,245	14,786
Per capita.....		\$2.07	\$1.85	\$1.61	\$1.43	\$1.44	\$1.42
Salaries (including building staff).....	\$1,000	91,017	103,227	16,226	20,345	7,765	9,425
Professional.....		26,704	32,514	5,981	7,566	2,782	3,648
Library materials.....		17,915	21,219	4,225	5,471	2,333	2,774
Books.....		10,239	19,122	3,785	4,974	2,118	2,534
Periodicals.....		1,117	1,392	257	301	135	182
Audiovisual materials.....		569	705	182	196	80	77
Binding and rebinding.....		2,607	2,779	309	390	151	175
Other operating expenditures.....		17,219	21,180	3,713	4,773	1,996	2,412
Capital outlay.....		18,359	24,848	6,281	7,252	1,986	2,811
Collection:							
Number of volumes at end of year.....	1,000	79,191	88,186	20,083	24,586	11,964	13,803
Per capita.....		1.27	1.10	1.32	1.13	1.41	1.32
Number of volumes added during year.....	1,000	6,591	7,594	1,549	1,894	810	941
Circulation.....		277,227	316,483	78,645	93,178	40,464	45,045
Adult.....		112,535	126,652	31,218	38,027	16,616	19,617
Juvenile.....		112,866	133,520	42,240	47,510	22,110	22,563
Undistributed.....		51,837	56,302	5,189	7,641	1,728	2,855
Per capita.....		4.45	3.94	5.17	4.29	4.76	4.92
Personnel:							
Total (including building staff).....		24,071	26,450	4,593	5,654	2,348	2,760
Professional.....		7,546	8,132	1,362	1,622	630	831

¹ Excludes data for Reference Department of the New York Public Library.

Sources: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public Library Systems Serving Populations of 100,000 or More, Fiscal Year 1960*; *Statistics of Public Library Systems Serving Populations of 50,000 to 99,999, Fiscal Year 1960*; and *Statistics of Public Library Systems Serving Populations of 35,000 to 49,999, Fiscal Year 1960*.

No. 183. VOCATIONAL PROGRAMS, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY TYPE OF PROGRAM AND BY SEX: 1940 TO 1960

[For years ending June 30. Includes Hawaii and Puerto Rico; beginning 1955, includes Alaska and Virgin Islands, and beginning 1960, Guam. See headnote, table 184.]

PROGRAM AND SEX	TEACHERS				STUDENTS			
	1940	1950	1955	1960 ¹	1940	1950	1955	1960 ¹
Total, all programs ²					2,290,741	3,364,618	3,314,255	3,768,149
Male.....					1,279,109	2,715,699	1,700,552	1,925,565
Female.....					1,011,632	1,648,914	1,613,703	1,842,584
Evening.....	17,744	20,902	30,722	38,014	728,937	1,520,071	1,389,000	1,686,094
Part-time.....	14,000	12,324	11,583	12,542	525,358	596,295	398,184	341,289
Day ³	25,675	29,733	34,757	36,748	1,036,446	1,247,347	1,529,071	1,740,700
Agriculture.....		13,852	20,277	20,988	584,133	764,975	776,138	795,237
Evening.....	4,076	3,149	6,481	7,118	192,240	345,007	272,303	266,720
Part-time.....	3,727	1,240	2,807	3,120	62,480	43,071	46,811	65,548
Day ³	9,018	9,463	10,989	10,748	329,398	276,897	456,964	463,960
Trades and industry.....		25,511	29,895	33,316	758,409	804,602	870,954	938,490
Evening.....	5,769	8,312	12,678	14,849	167,908	209,734	421,321	485,020
Part-time.....	9,449	8,671	6,493	6,786	383,879	312,120	195,702	181,149
Day.....	9,940	8,528	10,768	11,681	206,922	222,730	258,981	272,321
Home economics.....		19,657	23,752	26,814	818,766	1,430,366	1,481,808	1,558,109
Evening.....	4,857	6,078	9,811	11,451	245,850	668,676	530,725	586,335
Part-time.....	1,102	937	942	1,044	72,790	115,979	82,907	54,914
Day.....	9,017	11,742	12,999	14,319	500,126	647,711	818,176	946,860
Distributive occupations ⁴		3,939	3,138	6,188	123,433	364,670	235,355	303,784
Extension.....	2,142	2,463	1,752	4,506	122,933	239,554	164,591	264,106
Part-time.....	232	1,470	1,386	1,502	6,500	125,116	70,764	39,678
Practical nursing.....				1,631				40,250
Evening (extension).....								15,562
Day (preparatory).....								24,088
Area programs ⁵				1,334				101,279
Evening (extension).....								68,342
Day (preparatory).....								32,937

¹ Provisional. ² Totals for teachers omitted because of duplications in State reports by types of schools.

³ Includes day unit classes.

⁴ Training in which workers engage in merchandising activities, are in contact with buyers and sellers in distributing goods or services, or are responsible for the management of such businesses.

⁵ Training of highly skilled technicians in recognized occupations requiring scientific knowledge essential in fields necessary for the national defense.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*, Circular OE-8008-69.

Vocational Programs

141

No. 184. VOCATIONAL PROGRAMS, FEDERALLY AIDED—TOTAL AND FEDERAL EXPENDITURES, 1940 TO 1960, AND BY STATES AND OTHER AREAS, 1960

In thousands of dollars. For years ending June 30. Includes Hawaii for all years; Puerto Rico, Virgin Islands, and Alaska beginning 1940, 1954, and 1955, respectively; and Guam beginning 1959. Institutions federally aided are reimbursed from Federal funds provided under "The Smith-Hughes Act" ("National Vocational Education Act of 1917") and subsequent acts extending benefits to Alaska, Hawaii, Puerto Rico, and Virgin Islands, and providing for further development of vocational education of less-than-college grade.

YEAR AND STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION ¹		AGRICULTURAL EDUCATION		TRADE AND INDUSTRIAL EDUCATION		HOME ECONOMICS EDUCATION		DISTRIBUTIVE OCCUPATIONS	
	Total funds	Federal	Total funds	Federal	Total funds	Federal	Total funds	Federal	Total funds	Federal
	1940	20,004	18,373	7,346	22,561	7,105	13,072	4,916	1,074	637
1950	128,717	26,623	38,523	10,087	47,860	8,012	36,916	6,241	5,408	1,683
1955	164,761	30,361	53,707	11,826	65,560	9,000	49,461	7,701	6,083	825
1957	190,726	37,063	59,915	13,582	64,075	11,340	57,178	8,907	8,173	2,430
1958	209,748	38,733	64,542	13,644	69,423	11,304	62,910	8,902	9,303	2,500
1959	228,315	41,399	66,668	13,068	73,504	11,411	67,001	8,907	9,602	2,506
1960²	238,812	46,313	67,302	13,688	72,860	11,482	68,656	8,908	9,900	2,503
Total										
Alabama	5,457	1,103	2,107	512	1,135	176	1,720	251	137	52
Alaska	182	91	17	8	55	28	93	46	18	8
Arizona	1,528	243	328	63	387	55	627	54	65	15
Arkansas	3,483	831	1,478	415	304	87	1,388	191	91	32
California	17,094	2,598	2,581	393	6,689	861	4,407	368	807	180
Colorado	2,099	416	410	113	604	93	738	80	110	22
Connecticut	2,988	472	191	60	1,820	174	333	70	57	20
Delaware	783	203	165	52	200	56	211	43	73	15
District of Columbia	671	104			355	50	142	40	41	15
Florida	8,153	943	1,586	158	2,651	219	2,055	155	385	46
Georgia	7,925	1,308	2,930	619	1,098	200	2,978	286	239	58
Hawaii	1,175	212	236	60	403	51	274	45	80	16
Idaho	1,324	287	486	92	268	54	388	51	40	16
Illinois	9,098	1,808	3,138	458	2,598	678	3,525	336	364	145
Indiana	5,844	1,012	1,655	377	1,826	275	2,108	246	168	67
Iowa	3,804	902	1,755	411	535	149	1,200	211	140	44
Kansas	2,562	617	1,083	240 ^c	501	125	694	135	106	32
Kentucky	4,060	1,001	1,508	620	787	159	1,469	275	120	48
Louisiana	6,860	1,053	2,172	311	1,800	220	1,033	180	108	45
Maine	822	288	181	83	188	72	304	66	8	4
Maryland	2,207	544	400	123	1,272	173	349	110	67	33
Massachusetts	9,247	824	767	94	6,755	396	1,150	136	136	54
Michigan	8,103	1,709	1,633	410	2,691	481	2,403	308	537	106
Minnesota	6,248	1,117	2,206	305	1,505	186	1,786	211	252	51
Mississippi	4,438	1,035	1,976	351	506	91	1,504	231	108	36
Missouri	4,652	1,144	1,615	453	1,057	261	1,487	242	255	67
Montana	857	222	327	79	159	52	286	51	36	15
Nebraska	1,902	586	701	208	189	76	593	108	74	22
Nevada	738	214	154	54	171	50	225	46	81	15
New Hampshire	628	222	124	57	141	49	109	44	14	7
New Jersey	3,845	908	378	93	2,271	442	472	100	203	80
New Mexico	1,144	261	390	78	173	52	368	54	74	15
New York	13,563	3,006	1,677	397	8,662	1,320	807	342	1,042	241
North Carolina	9,428	1,935	3,920	733	1,267	226	2,927	397	279	67
North Dakota	1,329	347	384	133	199	52	551	71	37	15
Ohio	8,210	1,841	2,489	508	2,810	633	2,088	356	354	132
Oklahoma	6,185	882	2,700	297	920	145	1,782	163	108	37
Oregon	1,360	400	622	138	396	105	500	103	115	26
Pennsylvania	9,950	2,358	2,108	400	4,783	862	1,732	460	301	101
Rhode Island	507	165	68	32	278	73	134	43	7	3
South Carolina	4,146	778	1,742	368	653	116	1,499	197	130	35
South Dakota	1,037	291	419	134	167	53	367	66	39	16
Tennessee	6,781	1,204	1,833	627	1,228	191	2,123	272	146	52
Texas	19,458	2,071	7,590	707	2,225	536	8,242	459	917	131
Utah	1,400	237	349	57	558	55	256	46	42	15
Vermont	795	220	160	57	254	52	227	44	29	14
Virginia	6,769	1,177	1,809	410	1,468	216	2,468	260	540	55
Washington	5,353	706	1,027	172	1,941	181	1,659	132	231	40
West Virginia	2,377	668	601	247	538	126	725	194	70	23
Wisconsin	6,099	1,206	2,036	302	1,831	224	1,466	228	140	50
Wyoming	760	170	379	63	113	51	227	46	18	9
Puerto Rico	2,574	804	793	358	834	110	759	223	105	38
Guam	145	72	30	15	88	44	26	13	(3)	(3)
Virgin Islands	120	45	14	5	57	17	37	17	2	1

¹ Includes practical nursing beginning 1957, and area programs beginning 1959.

² Provisional. ³ Less than \$600.

No. 185. VOCATIONAL PROGRAMS, FEDERALLY AIDED—STUDENTS ENROLLED, BY TYPE OF PROGRAM, BY STATES AND OTHER AREAS: 1959 AND 1960

(For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 184)

STATE OR OTHER AREA	1959					1960 ²				
	Total ¹	Agriculture	Trades and industry	Home economics	Distributive	Total ¹	Agriculture	Trades and industry	Home economics	Distributive
Total.....	3,701,121	757,223	968,114	1,585,860	310,591	3,768,149	796,237	938,490	1,588,109	303,784
Alabama.....	96,135	35,274	28,528	32,597	954	98,296	35,080	26,223	31,584	918
Alaska.....	1,896	51	1,131	691	23	1,693	18	613	1,004	36
Arizona.....	23,108	2,089	7,867	11,755	608	24,056	2,003	8,320	11,775	1,198
Arkansas.....	81,861	28,282	7,442	42,221	2,742	90,157	26,692	7,842	52,539	2,464
California.....	371,027	18,626	124,472	186,416	84,522	410,050	18,576	126,398	143,881	93,114
Colorado.....	53,018	2,733	22,690	20,378	6,529	53,466	3,035	20,490	20,067	7,451
Connecticut.....	29,528	754	10,152	7,998	1,614	22,901	835	8,105	5,779	1,033
Delaware.....	9,577	863	4,030	3,326	687	9,161	887	3,801	3,199	598
Dist. of Col.....	8,103	—	3,392	3,174	862	7,970	—	3,220	3,021	1,131
Florida.....	133,893	13,547	34,434	61,135	20,079	126,644	13,807	34,809	54,560	16,573
Georgia.....	154,902	43,073	26,649	77,270	7,021	157,396	43,637	26,554	78,442	7,035
Hawaii.....	10,202	2,320	4,771	6,476	2,585	17,839	2,219	5,005	6,691	3,514
Idaho.....	15,222	4,042	2,620	6,659	935	16,019	4,306	3,222	6,650	878
Illinois.....	114,780	26,067	29,163	53,373	4,141	112,987	25,879	29,449	49,575	4,324
Indiana.....	70,352	18,705	16,076	35,853	5,440	75,806	10,637	15,581	35,626	4,020
Iowa.....	65,025	26,216	12,045	24,455	2,572	61,740	25,673	9,725	23,241	1,888
Kansas.....	34,624	7,486	7,587	15,380	3,161	39,266	7,441	10,475	15,042	5,040
Kentucky.....	62,074	18,192	9,348	31,436	2,488	60,042	17,747	9,665	20,388	3,451
Louisiana.....	87,120	28,881	18,269	38,481	3,756	88,140	23,164	18,700	38,185	4,361
Maine.....	8,814	1,296	3,036	4,204	76	8,109	1,371	2,347	4,071	68
Maryland.....	26,849	3,609	11,276	9,423	2,104	25,929	3,572	10,891	9,850	1,188
Massachusetts.....	69,262	1,694	27,085	36,401	1,950	65,222	1,589	25,830	33,228	2,687
Michigan.....	138,144	17,550	42,410	58,949	15,540	134,849	17,327	40,954	56,703	14,763
Minnesota.....	93,252	27,152	21,520	38,145	3,704	100,283	27,620	20,362	43,054	4,092
Mississippi.....	94,338	42,875	8,177	36,928	5,205	96,347	42,868	7,353	37,533	5,423
Missouri.....	66,640	18,234	12,861	30,561	4,155	63,430	18,273	10,710	28,014	4,502
Montana.....	10,580	3,821	2,713	3,557	336	9,955	3,526	2,356	3,618	240
Nebraska.....	30,226	7,801	6,321	13,586	1,887	30,157	7,438	5,704	14,672	1,586
Nevada.....	7,156	688	2,419	3,688	250	7,421	619	2,309	2,996	382
New Hampshire.....	5,586	519	1,571	3,150	269	6,082	467	1,578	3,182	280
New Jersey.....	29,888	2,162	18,188	5,607	700	29,991	1,995	18,401	4,443	757
New Mexico.....	11,253	2,202	2,928	5,492	644	11,870	2,223	2,921	5,152	1,239
New York.....	208,098	10,232	99,705	87,397	8,109	197,158	10,586	96,160	77,081	8,832
North Carolina.....	128,182	32,256	15,782	53,697	4,043	135,505	54,461	17,322	55,432	5,630
North Dakota.....	14,187	3,720	2,767	7,183	261	15,450	3,757	3,115	8,096	230
Ohio.....	107,283	21,138	37,400	36,178	11,001	120,703	21,405	41,064	42,147	11,902
Oklahoma.....	75,913	32,731	11,594	28,384	1,952	70,365	27,920	11,151	26,072	1,871
Oregon.....	35,119	5,494	19,054	2,001	35,683	5,492	8,350	18,745	1,984	—
Pennsylvania.....	103,433	13,803	50,525	33,435	7,014	100,826	13,058	42,562	33,147	6,074
Rhode Island.....	7,073	416	3,457	3,122	21	7,229	365	3,836	2,077	23
South Carolina.....	113,070	43,960	9,754	55,400	3,730	111,095	43,620	9,821	54,187	3,021
South Dakota.....	12,260	4,582	2,078	4,037	591	12,313	4,495	2,344	4,763	604
Tennessee.....	105,645	26,564	15,743	59,354	3,774	107,046	25,593	14,842	61,205	3,624
Texas.....	301,701	63,451	48,422	140,472	45,811	331,939	109,261	43,065	139,919	32,457
Utah.....	20,972	4,273	5,086	14,958	4,284	28,430	4,169	5,550	13,804	4,018
Vermont.....	5,131	916	1,222	2,424	259	5,573	953	1,530	2,279	277
Virginia.....	101,130	23,423	19,747	43,214	13,214	101,385	21,835	21,056	46,684	10,701
Washington.....	114,439	9,100	50,004	44,936	4,514	106,447	8,088	39,357	42,631	4,760
West Virginia.....	81,012	5,699	10,715	13,363	819	31,338	5,088	10,325	13,155	1,252
Wisconsin.....	108,275	23,081	31,354	47,164	4,328	109,659	22,497	31,303	48,038	4,301
Wyoming.....	6,480	1,592	1,117	3,289	474	6,651	1,533	1,112	3,508	478
Puerto Rico.....	57,035	9,967	14,570	28,022	4,820	66,423	11,044	14,268	34,737	5,518
Guam.....	723	164	17	542	—	752	134	257	381	—
Virgin Islands.....	1,017	58	339	601	19	1,050	96	323	627	—

¹ Includes practical nursing and area programs.

² Provisional.

Federal Programs

143

No. 186. FINANCIAL SUPPORT OF FEDERAL PROGRAMS FOR EDUCATION: 1951 TO 1959

[In thousands of dollars. For years ending June 30. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands for all years, and Guam for 1957]

DEPARTMENT OR AGENCY AND PROGRAM	1951	1953	1955	1957	1959
Total.	2,511,829	1,416,898	1,571,535	1,968,246	2,413,186
Department of Health, Education and Welfare.					
Office of Education.	111,370	310,575	302,240	457,277	737,864
Federally aided corporations.	51,321	235,629	253,461	222,260	353,533
Office of Vocational Rehabilitation.	4,755	4,735	8,543	7,088	6,018
Public Health Service.	191	10,075	15,405	38,721	73,214
Social Security Administration.	477	695	482	596	3,334
Surplus property utilization division allocations for education.	54,626	58,841	113,260	183,675	202,366
Department of Agriculture.	171,154	195,693	245,071	398,309	383,556
Agricultural Extension Service.	32,141	32,117	39,800	50,030	53,885
School lunch and milk.	118,082	133,640	169,291	200,431	276,945
Other.	20,931	30,036	35,980	57,038	53,726
Department of Commerce.	5,292	4,024	2,632	2,884	3,493
Maritime Administration schools.	5,292	4,024	2,632	2,886	3,266
Other.			39	48	227
Department of Defense.	25,507	40,714	47,055	69,569	300,877
Service academies.	13,648	15,956	16,351	23,480	38,503
Education for military personnel at civilian institutions.	6,724	7,080	5,609	8,800	9,324
Education for off-duty personnel.	5,135	8,683	9,370	10,579	12,081
Education of dependent children overseas.			8,911	16,421	24,375
Research assistantships in educational institutions.					207,263
Other.		75	114	2,335	4,017
Department of the Interior.	45,884	58,834	80,263	90,794	113,577
Alaska public works program.	101	3,397	3,230	1,363	1,047
Bureau of Mines safety-training program.	780	837	850	808	1,200
Education for Indians.	27,118	30,117	37,541	40,433	59,348
Revenue from public lands.	17,505	24,120	38,310	38,618	51,276
Other.	330	354	812	482	706
Department of Justice.	380	422	401	530	1,416
Bureau of Prisons.	389	422	461	530	1,182
Other.					234
Department of Labor.	3,927	5,188	5,236	5,940	10,941
Apprenticeship and training.	3,183	3,324	3,100	3,390	4,009
Foreign visitors' program.	744	1,864	2,076	2,541	3,107
Testing, counseling, and placement services.					3,766
Department of State.		37,402	40,100	47,751	57,811
Educational exchange program.		23,360	19,768	18,605	26,500
Country missions.		14,042	20,332	29,146	31,221
Department of the Treasury.	1,800	2,565	2,500	3,350	5,212
U.S. Coast Guard Academy.	1,708	2,513	2,485	3,205	4,008
Other.	32	52	71	85	1,144
Atomic Energy Commission.	18,908	25,221	24,470	30,717	51,047
Contract research.	13,487	17,352	10,431	21,284	39,028
Fellowships.	1,055	690	229	413	925
Expenditures for public schools.	3,682	6,780	4,410	4,007	4,058
Operation of schools and conduct of courses.	684	383	400	4,923	5,536
Canal Zone, public education.	2,300	2,635	2,910	3,047	5,019
District of Columbia.	2,728	2,310	5,068	5,077	7,742
Public education.	2,695	2,277	5,016	5,027	7,680
Capitol Page School.	33	33	47	60	62
Federal Aviation Agency.	101	348	266	461	1,030
Aviation training of foreign nationals.	100	345	244	432	994
Other.	1	3	22	20	42
Federal Deposit Insurance Corporation, employee training.				7	14
Library of Congress, reading material for the blind.	1,000	1,000	1,000	1,067	1,368
National Aeronautics and Space Administration.	710	618	675	580	5,023
Training and research centers.					47
Research at educational institutions.	710	618	675	580	4,976
National Science Foundation.		8,220	10,109	34,052	122,820
Basic research.		1,813	8,000	15,268	45,050
Research facilities.				5,382	15,580
Fellowships.		1,366	1,784	3,364	13,071
Institutes, course content improvement, and special projects.		41	316	10,948	48,210
Office of Civil and Defense Mobilization.				707	1,741
Tennessee Valley Authority.	503	557	485	582	503
Veterans Administration.	2,120,210	725,672	710,094	813,055	602,036
Vocational rehabilitation.	176,875	57,760	40,770	30,508	22,307
Education and training.	1,943,341	667,893	604,514	778,906	560,306
War orphans educational assistance.				2,351	7,663
Fees to educational institutions.			4,800	7,100	5,700

Source: Department of Health, Education, and Welfare, Office of Education; biennial report, *Federal Funds for Education*, Circular OE-10009.

No. 187. FEDERAL FUNDS ALLOTTED FOR EDUCATION, BY STATES AND OTHER AREAS: 1959

(In thousands of dollars)

STATE OR OTHER AREA	Total	FUNDS ADMINISTERED BY—			FUNDS FOR THE EDUCATION OF VETERANS		Other	
		Dept. of Health, Education, and Welfare		Dept. of Agriculture	Total 4	Korean veterans		
		Total 1	Aid to Federally affected areas 2	Total 3	School lunch program	Total 4		
Total	2,413,188	737,865	198,019	383,556	275,945	602,035	565,985	689,731
Alabama	46,771	17,857	4,665	10,631	7,810	17,367	16,510	916
Alaska	14,692	7,447	6,034	544	180	179	174	6,412
Arizona	18,043	9,330	5,779	3,210	2,039	4,623	4,324	1,479
Arkansas	20,934	6,460	1,059	7,493	4,606	6,560	6,078	431
California	167,512	72,369	38,191	28,018	18,030	59,847	57,741	12,277
Colorado	28,122	11,279	6,072	3,718	2,500	7,758	7,097	5,366
Connecticut	19,245	6,364	1,789	3,128	2,581	5,882	5,632	8,870
Delaware	3,620	1,904	—	321	818	540	522	268
Dist. of Columbia	25,755	1,004	—	—	721	9,511	9,149	13,530
Florida	50,242	22,315	7,757	7,980	5,716	18,352	17,228	1,595
Georgia	50,681	18,048	4,321	11,088	8,060	18,785	18,278	2,760
Hawaii	8,723	6,289	4,309	1,763	1,262	(6)	(6)	702
Idaho	9,581	4,103	1,450	2,810	1,119	2,350	2,213	309
Illinois	66,128	19,844	8,865	14,977	12,659	25,093	24,028	6,214
Indiana	34,386	10,691	1,653	8,339	6,369	12,423	11,833	2,034
Iowa	26,739	6,598	398	7,241	5,174	10,947	10,479	1,952
Kansas	22,626	9,716	4,785	5,017	3,529	6,040	5,783	1,853
Kentucky	28,575	9,283	1,081	9,567	6,852	9,128	8,886	507
Louisiana	34,043	9,000	1,442	9,307	7,317	14,345	13,017	1,301
Maine	10,376	5,490	1,251	2,157	1,492	2,084	1,995	645
Maryland	28,419	17,374	9,587	4,638	3,768	4,619	4,441	1,787
Massachusetts	53,420	18,195	4,006	7,873	7,135	17,082	15,465	10,320
Michigan	58,352	16,633	2,977	13,038	10,603	20,840	19,883	7,841
Minnesota	32,093	8,059	449	8,327	6,192	13,461	12,851	2,847
Mississippi	26,580	9,586	1,975	9,141	5,791	7,234	6,879	618
Missouri	38,905	12,011	2,900	9,167	6,710	15,860	15,085	1,967
Montana	9,914	2,792	1,143	2,501	925	2,315	2,200	2,306
Nebraska	15,398	5,473	1,958	3,199	1,933	6,471	6,099	255
Nevada	3,604	2,066	1,027	696	277	508	478	333
New Hampshire	5,874	2,556	683	1,253	798	1,699	1,535	366
New Jersey	29,612	10,992	2,670	5,905	5,198	10,837	10,287	1,877
New Mexico	24,929	11,002	6,430	3,054	2,073	3,234	3,134	7,638
New York	120,066	42,348	4,088	22,444	20,865	38,860	36,265	16,413
North Carolina	47,484	16,601	2,222	13,328	9,549	14,973	14,171	3,582
North Dakota	8,952	2,063	473	2,314	1,223	3,968	3,844	609
Ohio	57,345	18,917	3,889	15,465	12,831	19,416	18,355	3,548
Oklahoma	34,802	15,543	6,553	6,551	4,570	10,744	10,161	1,964
Oregon	39,945	6,053	951	11,131	2,453	5,846	5,475	16,915
Pennsylvania	75,866	21,206	1,887	16,217	13,490	23,521	31,704	4,922
Rhode Island	9,068	4,025	1,326	1,180	871	3,061	2,909	802
South Carolina	28,305	10,024	3,614	7,910	5,538	9,921	9,523	450
South Dakota	11,150	3,951	2,011	2,323	1,294	4,040	3,918	835
Tennessee	38,893	12,538	1,561	11,589	8,848	12,749	11,016	2,036
Texas	86,339	36,224	13,165	17,586	12,979	28,932	27,749	3,596
Utah	17,943	5,767	1,455	2,583	1,866	5,940	5,789	3,652
Vermont	3,930	1,585	70	1,051	534	958	874	336
Virginia	48,201	24,006	18,226	9,431	7,179	18,485	12,572	1,280
Washington	38,754	17,060	7,510	9,384	4,367	10,085	9,579	1,317
West Virginia	17,198	5,314	107	5,288	3,724	6,238	5,756	357
Wisconsin	34,273	8,335	320	8,581	6,423	12,054	11,373	5,364
Wyoming	16,823	1,950	561	1,186	504	1,037	981	12,650
Puerto Rico	12,807	4,001	— ⁵	8,548	6,202	—	—	258
American Samoa	218	—	—	—	—	—	—	218
Canal Zone	5,068	49	—	—	—	—	—	5,019
Guam	953	928	768	25	25	—	—	—
Virgin Islands	213	114	—	99	99	—	—	—
National ⁶	618,394	106,161	—	6,570	—	5,700	—	499,964
Other	25,028	—	453	90	5	24,595	5	23,075

¹ Includes, in addition to Federally affected areas, National Defense Training Act of 1958, funds for support of land-grant colleges, vocational education below college level, vocational rehabilitation, American Printing House for the Blind, value of surplus property transferred to educational institutions, education of Public Health personnel, etc.

² Areas affected by Federal activity and employment, e. g., defense production, etc.

³ Includes in addition to school lunch program, funds for Agricultural Experiment Stations, Cooperative Agricultural Extension Service, and National forests and submarginal lands.

⁴ Includes also vocational rehabilitation under Public Laws 16 and 894, education and training under Public Law 346, and educational assistance for war orphans under Public Law 634.

⁵ Hawaii included in "Other."

⁶ Federal funds allotted to national programs which cannot be reported by States.

Source: Department of Health, Education, and Welfare, Office of Education; biennial report, *Federal Funds for Education*.

Section 5

Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes, arrests, Federal court cases, the legal profession, Federal and State prisoners, and the use of the death penalty. The important publications in which figures relating to these subjects appear are: *Uniform Crime Reports*, an annual bulletin of the Federal Bureau of Investigation; the *Annual Report of the Director*, Administrative Office of the U.S. Courts; and the Bureau of Prisons annual review, *Federal Prisons*, and its *National Prisoner Statistics*, a series of periodical bulletins and reports.

In addition, limited information concerning juvenile delinquency and the operation of juvenile courts is collected by the Children's Bureau of the Department of Health, Education, and Welfare and statistics on the number of lawyers and certain of their characteristics are compiled by the American Bar Foundation, Chicago, Illinois. Data on prosecution and disposition of persons charged with misdemeanors and other minor offenses may be found for some of the larger cities in the annual reports of their municipal courts or governments.

Law enforcement and legal jurisdiction.—Law enforcement is for the most part a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or a Federal officer while engaged in his official duties, or unless they occur in Federal territories or reservations or on the high seas. There are 52 separate criminal law jurisdictions in the United States, 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. Yet the general system of law enforcement is quite similar from State to State, although there are among the States often substantial differences in the penalties provided for like offenses.

Law enforcement can be divided into three parts. The first covers the activities of the police agencies, namely, the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State, and Federal grand juries, and prosecuting court officers. The third division of administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the application of the penalty is carried out by the prison, reformatory, or jail, or by probation or parole officials.

Crime.—Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with crime. As the police agencies are largely local, a problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes summaries for the

country as a whole in its annual *Uniform Crime Reports*. However, in publishing the data submitted by law enforcement agencies throughout the United States, the Federal Bureau of Investigation does not vouch for their accuracy. They are issued as information which may throw some light on problems of crime and criminal-law enforcement. The great majority of communities are now reporting to the Federal Bureau of Investigation and the reports received cover 96 percent of urban and rural population in the United States.

In 1958 the Federal Bureau of Investigation appointed a consultant committee to make a study of crime reporting in the United States. As a result of the findings and recommendations of this committee, the FBI has revised its methods of compiling, classifying, and presenting statistics on crime. Because of the changes in methodology and definitions, crime figures presented in this edition of the *Statistical Abstract* for the most part are not comparable with those shown in 1959 and prior editions. The revisions are discussed in *Uniform Crime Reports for the United States* for 1958 and 1959.

Courts.—Court statistics for criminal offenses and the outcome of the prosecutions for the country are quite incomplete. In many States, an annual or biennial publication presents data on the disposition of criminal cases in the trial courts. The only national compilation of such statistics was made by the Bureau of the Census which until 1945 published data annually in *Judicial Criminal Statistics* on the disposition of criminal cases in the general trial courts.

Comprehensive information on the business of the Federal courts is collected by the Administrative Office of the U.S. Courts and is published in the *Annual Report of the Director*. The bulk of civil litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by these courts. The question whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine, but generally speaking the Federal courts have jurisdiction over the following types of cases:

- (1) Suits or proceedings by the United States;
- (2) Suits or proceedings against the United States;
- (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States;
- (4) Civil actions between private litigants who are citizens of different States;
- (5) Civil cases involving admiralty, maritime, or prize jurisdiction;
- (6) All matters and proceedings in bankruptcy.

The Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in Puerto Rico, the Virgin Islands, the Canal Zone, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 11. They are known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

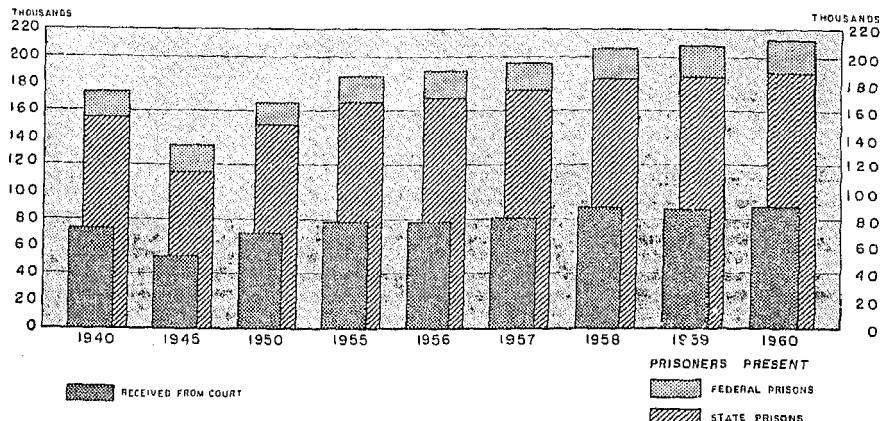
Prisoners.—Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950 when this work was transferred to the Bureau of Prisons. Summary statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons and persons executed in the United States under civilian authority are now published periodically by the Bureau of Prisons in *National Prisoner Statistics* and in its annual report, *Federal Prisons*. Also, nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series H 445-451") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. IX. PRISONERS PRESENT IN FEDERAL AND STATE PRISONS AT END OF YEAR: 1940 TO 1960

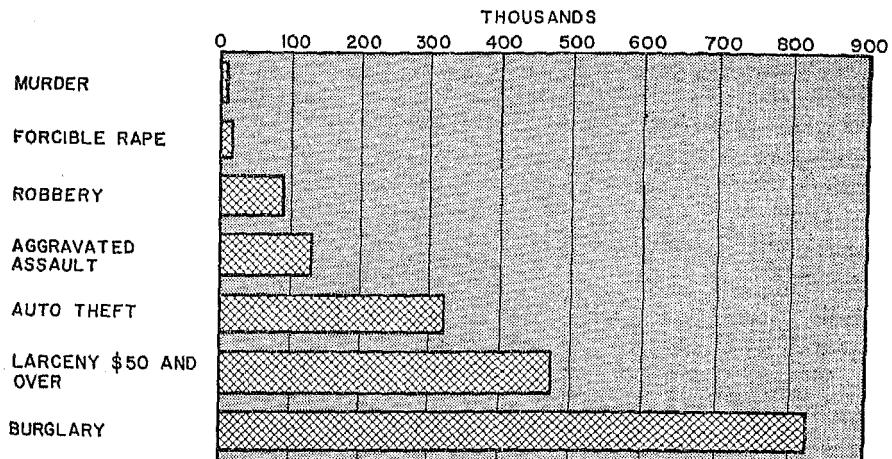
[See table 209]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Justice, Bureau of Prisons.

FIG. X. CRIMES KNOWN TO THE POLICE, BY TYPE: 1960

[See table 188]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Justice, Federal Bureau of Investigation.

No. 188. CRIMES KNOWN TO THE POLICE, BY TYPE: 1957-59 AVERAGE AND 1960

[Includes Alaska and Hawaii. Estimates based on reports from city and rural law enforcement agencies representing 88 percent of the population for 1960, according to Bureau of the Census data. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146.]

TYPE OF CRIME	ESTIMATED NUMBER OF OFFENSES		INCREASE			
	1957-59 average	1960	1957-59 to 1960		1959 to 1960	
			Number	Percent	Number	Percent
Total	1,547,590	1,861,300	313,710	20	230,870	14
Murder ¹	8,290	9,140	850	10	560	6
Forcible rape ²	14,240	15,560	1,320	9	400	3
Robbery ³	72,540	88,970	16,430	23	13,770	18
Aggravated assault ⁴	116,020	130,230	14,210	12	6,640	5
Burglary ⁵	663,500	821,100	157,600	24	122,800	13
Larceny \$50 and over ⁶	388,800	474,900	86,100	22	59,100	14
Auto theft ⁷	284,200	321,400	37,200	13	27,600	9

¹ Includes all willful felonious homicides; excludes suicides and justifiable homicides.

² Limited to forcible rapes and attempts.

³ Includes the stealing or taking of anything of value by force or violence or by threat of force or violence; includes attempted robbery.

⁴ Includes assault with intent to kill. Excludes simple assault, assault and battery, fighting, etc.

⁵ Includes any unlawful entry to commit a felony or a theft. Includes attempted burglary and burglary followed by larceny.

⁶ Includes theft of property or articles of value (except auto theft) without the use of force and violence or fraud. Excludes larceny resulting from burglary.

⁷ Includes all cases where motor vehicles are driven away and abandoned. Excludes those taken for temporary use when actually returned by the taker.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 189. URBAN CRIMES KNOWN TO THE POLICE: 1955-59 AVERAGE AND 1960

[Excludes Alaska and Hawaii. Offenses known to the police in 2,382 cities over 2,500, total population 77,356,000, according to Bureau of the Census data. For definitions not shown here, see footnotes, table 188. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146. See also *Historical Statistics, Colonial Times to 1967*, series H 445-451, for related but not comparable data.]

TYPE OF CRIME	NUMBER OF OFFENSES		Percent increase
	1955-59 average	1960	
Total	1,493,618	1,850,298	23.9
Murder and nonnegligent manslaughter	3,140	3,541	12.8
Manslaughter by negligence ¹	2,129	2,852	10.5
Forcible rape ²	5,806	6,866	18.3
Robbery	38,691	47,638	23.1
Aggravated assault	61,805	70,150	13.5
Burglary—breaking or entering	333,425	432,906	29.8
Larceny—theft ³	892,784	1,104,048	28.7
Auto theft	155,838	182,797	17.3

¹ Includes deaths primarily attributable to gross negligence on the part of some individual other than the victim.

² Beginning 1958, the rape category was limited to forcible offenses. Prior to 1958 statutory cases were also included. The forcible rapes used to construct the annual averages for 1955-59 were estimates based on special offense analyses furnished by over 400 selected cities (total population over 50,000,000) which showed the proportion of reported rapes classified as forcible each year.

³ Includes all reported thefts regardless of value of property stolen.

Sources: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

Crime Rates

149

No. 190. CRIME RATES, BY TYPE, BY STATES: 1959 AND 1960

[Rates based on offenses known per 100,000 population. Based on 1960 Bureau of the Census population data, excluding Armed Forces abroad. For definitions of crimes, see footnotes, table 188. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*, see text, p. 146.]

STATE	MURDER AND NON- NEGLECTFUL MAN- SLAUGHTER		FORCIBLE RAPE		ROBBERY		AGGRA- VATED ASSAULT		BURGLARY— BREAKING OR ENTERING		LARCENY— \$50 AND OVER		AUTO THEFT	
			1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
		1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
U.S. ¹	4.8	5.1	8.5	8.7	42.3	49.6	69.5	72.6	392.9	457.9	234.0	264.8	165.3	179.2
N.E.	1.3	1.5	3.8	4.4	14.2	14.9	19.3	18.2	296.9	316.1	169.2	194.7	165.7	180.6
Maine	1.5	1.7	4.3	5.0	8.7	7.9	12.1	10.7	219.8	248.0	129.5	150.7	102.8	117.9
N.H.	2.7	1.3	3.0	4.1	0.7	3.0	4.8	4.9	279.5	182.6	100.2	88.5	73.0	67.7
Vt.	0.5	0.3	1.3	2.3	1.3	2.8	2.6	4.6	208.1	242.1	77.7	201.9	75.1	87.7
Mass.	1.2	1.5	4.5	5.0	16.5	21.2	19.4	20.1	287.5	309.9	169.5	185.1	209.0	215.6
R.I.	0.9	1.0	2.1	2.3	20.0	14.5	27.1	19.8	442.8	517.3	300.6	419.2	284.6	317.3
Conn.	1.3	1.7	3.1	4.2	13.4	9.5	25.5	21.9	314.2	330.7	170.0	179.0	103.3	131.1
M.A.	2.7	2.8	7.4	7.5	38.8	41.8	65.2	64.7	315.2	345.4	260.7	289.7	150.4	165.8
N.Y.	3.0	2.9	6.2	6.3	42.9	44.1	75.8	73.8	302.5	336.3	308.1	408.3	184.1	178.2
N.J.	2.4	2.9	7.4	7.9	38.2	46.0	56.8	59.8	362.6	438.6	204.2	238.9	176.0	201.9
Pa.	2.5	2.8	9.2	9.0	33.2	36.1	54.0	53.7	308.5	308.8	132.1	149.6	116.5	128.2
E.N.C.	3.6	3.9	8.4	8.7	65.0	76.9	58.9	62.8	379.7	444.0	217.7	249.1	178.5	193.6
Ohio	3.2	3.3	5.5	6.0	34.4	41.6	31.4	34.2	287.4	350.4	168.3	195.4	126.7	138.1
Ind.	3.4	4.4	5.4	4.7	28.1	34.4	30.9	37.4	382.3	420.7	170.8	182.8	155.0	162.2
Ill.	4.5	5.1	12.2	12.4	137.4	159.7	91.4	94.2	445.0	621.4	312.3	340.1	282.0	307.5
Mich.	4.2	4.3	11.3	12.4	60.6	73.7	89.4	96.0	510.0	592.1	225.9	273.9	175.8	178.5
Wis.	1.1	1.3	3.1	2.8	7.8	8.5	15.8	16.9	178.9	199.6	137.3	178.1	84.5	106.4
W.N.C.	2.8	2.4	5.5	5.8	31.8	35.2	30.7	30.6	314.1	359.3	172.6	194.0	113.7	126.0
Minn.	1.0	1.3	2.3	2.5	19.5	20.4	8.1	10.8	271.7	360.1	174.8	218.0	115.8	141.8
Iowa	1.4	0.6	8.0	3.7	0.0	11.2	8.4	8.7	218.7	233.5	155.3	181.9	70.1	77.1
Mo.	5.8	4.6	9.7	11.0	72.8	70.2	75.9	71.6	488.8	623.4	215.1	231.9	170.7	177.0
N. Dak.	0.5	0.5	3.7	2.2	4.8	6.3	5.4	5.2	174.8	192.9	88.2	98.4	59.7	68.5
S. Dak.	2.1	2.1	6.2	5.4	14.9	9.1	14.0	16.0	254.0	247.0	206.1	198.8	100.3	86.6
Nebr.	2.8	2.3	5.5	4.2	12.2	18.0	12.7	16.5	202.6	231.8	110.0	125.6	102.6	125.8
Kans.	2.4	3.2	6.0	5.3	24.9	20.8	29.3	29.0	325.9	355.4	161.4	168.6	80.3	91.0
S.A. ¹	9.2	9.7	8.4	7.8	32.8	38.5	120.2	118.9	380.3	440.8	195.8	220.5	184.5	140.6
Del.	4.1	6.5	7.2	8.3	25.7	34.5	21.2	21.1	462.6	557.0	177.1	179.3	171.3	162.7
Md.	4.4	5.5	7.1	7.3	40.9	37.9	87.8	90.1	320.3	368.8	241.3	239.7	191.5	184.3
Va.	8.8	10.0	7.3	7.8	26.8	25.3	104.2	102.1	311.1	346.3	184.6	212.0	125.6	120.0
W.Va.	4.4	4.4	6.0	4.4	12.9	13.5	31.5	35.5	225.1	239.0	101.8	98.4	75.3	71.5
N.C.	8.9	10.1	8.2	7.3	14.9	17.0	182.2	182.1	254.2	258.2	113.1	140.2	71.4	78.2
S.C.	12.2	13.3	8.7	9.4	15.1	20.4	113.8	102.2	343.6	371.4	195.0	205.4	88.5	104.7
Ga.	13.4	12.0	10.6	7.6	26.5	26.6	101.7	99.9	351.2	408.1	162.7	179.4	141.7	153.7
Fla.	10.2	10.5	8.5	8.4	61.6	81.1	116.1	114.7	701.1	829.6	300.8	366.1	181.7	198.6
E.S.C.	9.0	9.6	6.9	6.1	24.4	26.7	73.2	73.3	335.3	371.0	154.5	164.7	108.8	105.5
Ky.	5.3	6.8	6.8	5.5	28.3	33.7	45.4	51.8	341.9	376.8	185.2	211.5	139.2	125.7
Tenn.	7.0	8.5	6.6	5.2	20.9	27.8	56.2	50.4	437.8	469.4	151.4	153.5	135.7	132.2
Ala.	12.9	12.9	8.8	8.3	25.1	26.9	111.1	123.2	321.9	368.6	174.7	183.2	96.4	95.0
Miss.	11.4	10.0	5.4	5.1	13.9	15.0	83.0	66.0	170.1	205.3	80.7	89.8	41.0	48.4
W.S.C.	8.5	8.5	8.8	9.8	30.4	36.8	79.3	89.1	413.0	528.5	202.3	231.1	150.3	170.6
Ark.	10.4	8.6	7.8	8.7	25.2	25.0	51.3	56.7	204.7	273.9	146.3	160.2	53.2	46.5
La.	5.7	8.7	6.4	0.5	36.8	52.8	46.8	78.0	283.3	411.2	161.7	242.8	161.5	225.3
Okla.	6.7	7.5	11.0	12.8	24.5	40.2	32.2	36.0	301.6	536.7	258.9	261.0	138.3	109.4
Texas.	9.6	8.7	9.2	9.3	30.6	32.8	107.0	111.8	490.0	613.8	212.8	233.1	167.6	168.1
Mt.	4.5	4.7	10.5	11.6	43.8	49.6	45.3	58.5	467.7	527.7	306.9	344.9	243.9	254.5
Mont.	4.0	3.9	7.9	7.3	23.8	28.0	17.8	24.5	351.3	401.3	265.7	260.3	193.1	248.1
Idaho	2.3	2.4	5.1	7.0	11.5	13.9	18.7	14.7	275.3	301.3	231.3	265.0	113.5	100.0
Wyo.	4.3	4.8	7.0	7.0	15.0	53.6	19.3	51.5	258.8	300.2	305.3	331.8	122.5	114.8
Colo.	5.4	4.2	11.8	13.8	72.2	80.0	38.8	41.0	530.7	579.7	289.2	317.3	227.1	217.5
N. Mex.	6.0	7.3	8.6	12.0	36.9	38.7	58.8	89.0	418.6	434.9	321.7	378.4	319.5	371.1
Ariz.	5.2	6.1	15.2	16.1	48.2	54.6	93.6	120.1	572.4	687.1	347.5	415.0	378.1	339.6
Utah	1.0	1.6	8.0	9.5	18.7	28.1	25.9	34.5	368.5	517.7	245.7	320.1	159.2	207.3
Nev.	7.8	8.8	17.1	12.6	106.6	74.0	38.7	50.5	558.6	913.5	469.2	541.9	317.8	391.9
Pac.	3.0	3.6	15.5	15.5	61.5	80.2	84.0	94.0	643.4	796.1	389.6	450.0	258.9	286.1
Wash.	1.9	2.1	0.2	5.9	27.2	31.5	14.0	15.5	446.0	488.7	292.7	381.5	170.0	158.0
Oreg.	2.2	2.4	8.3	9.3	28.1	31.9	21.8	26.0	360.9	406.3	274.3	317.5	123.8	130.9
Calif.	3.3	3.9	18.6	18.3	73.8	98.0	107.4	120.2	718.8	913.8	427.2	494.5	286.7	328.1
Alaska	5.4	10.2	7.6	20.8	25.5	28.3	42.0	45.1	242.5	332.1	315.3	352.4	325.6	242.3
Hawaii	2.7	2.4	3.7	3.3	17.4	10.9	9.5	5.2	598.5	525.0	244.9	284.9	324.2	269.9

¹ Includes District of Columbia.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 191. HOMICIDES AND SUICIDES, BY TYPE AND SEX: 1930 TO 1959

[Beginning 1959, includes Alaska. Excludes Armed Forces abroad]

ITEM	1930		1940		1950		1955		1959	
	Male	Female								
Homicide.....	8,373	2,100	6,647	1,682	6,089	1,853	5,630	1,788	6,068	2,091
Assault by—										
Firearms and explosives.....	5,800	1,186	3,761	894	3,163	1,016	2,870	937	3,323	1,129
Cutting and piercing instruments.....	1,211	342	1,660	404	1,510	369	1,460	357	1,450	354
Other means.....	1,213	570	1,105	884	1,065	466	988	491	1,015	607
Intervention of police.....	(1)	(1)	(1)	(1)	280	2	225	2	226	1
Execution.....	140	2	121	—	81	—	78	1	49	—
Suicide.....	14,319	4,004	14,466	4,441	13,297	3,848	12,961	3,799	14,441	4,192
Poisoning.....	3,458	2,083	3,537	2,086	2,461	1,908	2,189	1,240	2,529	1,519
Hanging and strangulation.....	2,748	520	2,776	778	2,759	833	2,689	902	2,731	794
Firearms and explosives.....	6,088	647	6,310	763	6,571	806	6,808	955	7,751	1,037
Other.....	2,025	754	1,843	814	1,506	701	1,275	702	1,430	842

¹ Not available.Source: Department of Health, Education, and Welfare, Public Health Service; annual report, *Vital Statistics of the United States*.

No. 192. CRIMES KNOWN TO THE POLICE, BY URBAN POPULATION GROUPS: 1959 AND 1960

[Includes Alaska and Hawaii. For definitions of crimes, see footnotes, tables 188 and 189. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146.]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Forcible rape	Robbery	Aggravated assault	Burglary-breaking or entering	Larceny-theft (except auto theft) ¹	Auto theft
		Murder and nonnegligent manslaughter	Manslaughter by negligence						
Total, 3,122 cities:									
1959.....	1,963,040	4,126	2,676	7,829	49,081	77,917	453,125	1,158,005	210,281
1960.....	2,195,150	4,321	2,922	8,198	57,532	80,761	521,799	1,294,054	225,513
Percent change.....	+11.8	+4.7	+9.2	+4.7	+17.3	+3.7	+15.2	+11.7	+7.2
47 cities, 250,000 or more:									
1959.....	902,702	2,235	1,387	5,107	33,583	49,807	221,343	471,481	117,600
1960.....	998,872	2,327	1,474	5,182	40,092	51,322	253,225	620,498	124,762
Percent change.....	+10.7	+4.1	+8.3	+1.5	+19.4	+2.9	+14.4	+10.4	+6.0
80 cities, 100,000 to 249,999:									
1959.....	282,217	607	431	739	5,744	9,203	64,350	170,898	30,245
1960.....	320,620	648	476	881	6,639	9,587	75,759	183,353	33,278
Percent change.....	+13.6	+6.8	+10.2	+19.2	+15.6	+4.2	+17.7	+13.1	+10.0
185 cities, 50,000 to 99,999:									
1959.....	255,879	441	389	654	4,189	7,443	57,133	162,480	23,200
1960.....	288,161	427	371	708	4,701	7,588	65,071	183,989	25,908
Percent change.....	+12.6	-3.2	+9.4	+8.3	+12.2	+1.9	+13.9	+13.2	+9.1
367 cities, 25,000 to 49,999:									
1959.....	228,567	337	249	574	2,574	4,809	48,014	153,193	18,817
1960.....	258,191	370	290	603	2,939	5,099	55,630	173,397	19,864
Percent change.....	+13.0	+9.8	+16.5	+5.1	+14.2	+6.0	+15.0	+13.2	+5.5
840 cities, 10,000 to 24,999:									
1959.....	196,707	301	166	507	1,933	4,246	40,268	135,360	13,917
1960.....	210,104	323	200	536	2,114	4,684	46,189	150,062	14,996
Percent change.....	+11.4	+7.8	+20.5	+5.7	+9.4	+10.3	+14.7	+10.9	+7.8
1,603 cities, less than 10,000:									
1959.....	96,908	205	104	248	1,058	2,349	22,017	64,584	6,403
1960.....	110,202	226	112	288	1,097	2,483	25,916	72,755	7,325
Percent change.....	+13.6	+10.2	+7.7	+16.1	+8.7	+5.7	+17.7	+12.7	+14.4

¹ Includes larceny under \$50.Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

Crimes—Property Stolen—Offenses

151

No. 193. SELECTED CRIMES IN 407 CITIES OF 25,000 OR MORE: 1959 AND 1960

[Excludes Alaska and Hawaii. Represents a total population of 55,809,000 according to 1960 Bureau of the Census data. Minus sign (—) denotes decrease. For definitions of crimes, see footnotes, tables 188 and 189. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146]

TYPE OF CRIME	OFFENSES		PERCENT		TYPE OF CRIME	OFFENSES		PERCENT	
	1959	1960	Increase, 1959 to 1960	Distribution, 1960		1959	1960	Increase, 1959 to 1960	Distribution, 1960
Robbery.....	38,236	44,579	16.6	100.0	Larceny—theft (except auto theft), by value.....				
Highway.....	19,302	21,798	12.9	48.9	\$77,243	861,113	10.8	100.0	
Commercial house.....	9,437	12,208	29.4	27.4	\$50 and over.....	218,014	238,904	9.6	27.7
Oil station.....	1,955	2,565	31.2	5.8	\$5 to \$50.....	449,056	498,501	11.0	57.9
Chain store.....	1,513	1,262	-16.6	2.8	Under \$5.....	110,173	123,618	12.2	14.4
Residence.....	2,096	3,316	10.7	7.4	Larceny—theft by type ¹	777,243	861,113	10.8	100.
Bank.....	262	292	11.5	0.7	Pocket-picking.....	7,082	7,831	10.6	1.0
Miscellaneous.....	2,771	3,138	13.2	7.0	Purse-snatching.....	10,108	11,509	13.9	1.8
Burglary—breaking or entering.....	315,011	363,541	15.4	100.0	Shoplifting.....	46,196	51,301	13.5	6.0
Residence (dwell- ing):					Thefts from autos (exc. accessories).....	143,790	163,914	14.0	10.0
Night.....	72,766	88,557	21.7	24.4	Auto accessories.....	105,187	207,924	6.5	24.1
Day.....	55,242	56,645	2.5	15.6	Bicycles.....	105,978	117,329	10.7	13.6
Nonresidence (store, office, etc.):					All other.....	269,913	301,305	11.6	35.0
Night.....	172,486	201,600	16.9	55.5					
Day.....	14,537	16,739	15.1	4.6					

¹ Includes thefts of less than \$50.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 194. TYPE AND VALUE OF PROPERTY STOLEN AND RECOVERED: 1959 AND 1960

[In thousands of dollars, except percent. Excludes Alaska and Hawaii. Represents 309 cities over 25,000 for 1959, total population 59,016,000; and 407 cities over 25,000 for 1960, total population 55,809,000]

TYPE OF PROPERTY	1959			1960		
	Value of property		Percent recovered	Value of property		Percent recovered
	Stolen	Recovered		Stolen	Recovered	
Total.....	269,000	142,100	52.8	281,300	147,300	52.4
Currency, notes, etc.....	30,900	2,600	8.4	34,200	3,100	9.1
Jewelry and precious metals.....	23,800	1,800	7.6	24,400	2,000	8.2
Purses.....	8,800	300	3.4	7,700	400	5.2
Clothing.....	12,100	1,400	11.6	13,100	1,400	10.7
Locally stolen automobiles.....	135,500	124,600	92.0	138,900	128,400	92.4
Miscellaneous.....	57,900	11,400	19.7	63,000	12,000	19.0

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 195. OFFENSES CLEARED BY ARREST AND PERSONS CHARGED PER 100 KNOWN OFFENSES; AND PERSONS FOUND GUILTY PER 100 PERSONS FORMALLY CHARGED: 1960

(Includes Alaska and Hawaii. For definitions of crimes, see footnotes, tables 188 and 189. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146.)

TYPE OF CRIME	ALL REPORTING CITIES ¹			CITIES HAVING 25,000 INHABITANTS OR MORE ²		
	Offenses known	Offenses cleared by arrest	Persons charged	Persons charged (held for prosecution)	Persons found guilty—	
					Total	Of offense charged
Total	100.0	26.1	19.8	100.0	76.3	75.7
Criminal homicide:						0.6
Murder and nonnegligent manslaughter.....	100.0	92.3	96.8	100.0	59.8	42.0
Manslaughter by negligence.....	100.0	83.3	66.7	100.0	36.4	28.0
Forcible rape.....	100.0	72.5	74.2	100.0	50.8	36.3
Robbery.....	100.0	38.5	42.8	100.0	58.7	41.7
Aggravated assault.....	100.0	75.8	63.8	100.0	43.2	25.4
Burglary—breaking or entering.....	100.0	29.5	19.3	100.0	67.4	52.7
Larceny—theft.....	100.0	20.1	14.8	100.0	72.0	66.3
Auto theft.....	100.0	25.7	21.4	100.0	64.0	53.6

¹ 2,361 cities; population, 83,420,000. ² 279 cities; population, 39,026,000.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 196. URBAN AND RURAL ARREST RATES: 1960

OFFENSE CHARGED	TOTAL (3,443 AGENCIES, TOTAL POPULATION 108,779,000)		CITIES (2,460 CITIES, POPULATION 81,861,000)		RURAL (983 AGENCIES, POPULATION 27,118,000)	
	Number	Rate per 100,000	Number	Rate per 100,000	Number	Rate per 100,000
Total	3,959,559	3,640.0	3,552,054	4,349.8	407,505	1,502.7
Criminal homicide:						
Murder and nonnegligent manslaughter.....	5,534	5.1	4,507	5.5	1,027	3.8
Manslaughter by negligence.....	2,422	2.2	1,766	2.2	656	2.4
Robbery.....	32,791	30.1	29,326	35.9	3,465	12.8
Aggravated assault.....	59,961	55.1	52,277	64.0	7,684	28.3
Other assaults.....	153,222	140.9	134,538	164.8	18,684	68.9
Burglary—breaking or entering.....	137,800	126.7	110,047	134.8	27,753	102.3
Larceny—theft.....	237,193	218.1	207,548	254.2	29,645	109.3
Auto theft.....	63,682	58.5	54,024	66.2	9,658	35.6
Embezzlement and fraud.....	42,189	38.8	32,550	39.9	9,639	35.5
Stolen property; buying, receiving, etc.....	11,792	10.8	10,049	12.3	1,743	6.4
Forgery and counterfeiting.....	25,244	23.2	18,958	23.2	6,286	23.2
Forcible rape.....	7,719	7.1	6,068	7.4	1,651	6.1
Prostitution and commercialized vice.....	26,482	24.3	25,851	31.7	631	2.3
Other sex offenses (includes statutory rape).....	50,101	46.1	44,532	54.5	5,569	20.5
Narcotic drug laws.....	27,735	25.5	23,430	28.7	4,305	15.9
Weapons; carrying, possessing, etc.....	38,120	35.0	34,520	42.3	3,600	13.3
Offenses against family and children.....	50,557	46.5	34,203	41.9	16,354	60.3
Liquor laws.....	106,347	97.8	86,818	106.3	19,629	72.0
Driving while intoxicated.....	183,943	169.1	146,381	179.3	37,502	138.5
Disorderly conduct.....	475,502	437.1	449,444	550.4	26,058	90.1
Drunkenness.....	1,412,107	1,298.2	1,326,407	1,624.3	85,760	316.2
Vagrancy.....	153,201	140.8	146,105	178.9	7,096	26.2
Gambling.....	122,946	113.0	119,243	146.0	3,703	13.7
All other offenses.....	532,900	489.9	453,402	555.3	79,447	293.0
Suspicion (excluded from total).....	136,325	125.3	126,782	155.3	9,543	35.2

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

Arrests

153

No. 197. ARRESTS IN URBAN AND RURAL PLACES, BY AGE GROUPS: 1960

[Includes Alaska and Hawaii. Represents arrests reported by 2,460 cities of 2,500 or more, population of 81,661,000 (73 percent of total population of all cities), and those reported by 981 rural agencies, population of 24,688,000; population figures according to 1960 Bureau of the Census data. Each person arrested is counted rather than the number of charges that may be filed against one person. Arrest of a juvenile is counted with the offense actually committed even though a technical charge, such as juvenile delinquency, must be filed under local procedure. Figures not comparable with those published in 1959 and previous editions of the *Statistical Abstract*; see text, p. 146.]

OFFENSE CHARGED	Total, all ages	AGE (years)							
		Under 18	18 to 20	21 to 24	25 to 34	35 to 44	45 to 49	50 and over	Not known
URBAN									
Total.....	3,678,836	526,905	295,955	358,527	786,725	792,612	820,537	595,021	2,504
Criminal homicide:									
Murder and nonnegligent man-slaughter.....	4,507	346	481	566	1,331	859	809	515	-----
Manslaughter by negligence.....	1,768	131	202	405	299	104	250	250	-----
Robbery.....	28,326	8,154	5,738	5,441	6,735	2,407	446	406	-----
Aggravated assault.....	52,277	6,074	4,641	6,748	15,582	11,430	3,119	4,683	-----
Other assaults.....	134,538	13,544	11,458	18,783	43,194	20,366	7,989	10,168	36
Burglary—breaking or entering.....	110,047	56,221	18,646	12,687	14,999	6,462	1,381	1,582	69
Larceny—theft.....	207,548	102,093	25,191	18,650	28,113	17,820	5,755	10,506	20
Auto theft.....	54,024	33,558	8,914	4,810	4,332	1,048	368	206	8
Embezzlement and fraud.....	82,550	841	1,756	4,243	11,551	9,056	2,339	2,755	12
Stolen property; buying, receiving, etc.....	10,049	2,764	1,856	1,375	2,187	1,306	493	554	4
Forgery and counterfeiting.....	18,058	1,493	2,001	3,182	6,414	3,975	880	1,007	6
Forcible rape.....	6,068	1,242	1,814	1,128	1,553	665	120	140	-----
Prostitution and commercialized vice.....	25,851	424	2,099	5,924	10,214	4,695	1,061	1,441	3
Other sex offenses (incl. statutory rape).....	44,582	9,205	5,005	6,187	10,980	7,476	2,065	8,632	12
Narcotic drug laws.....	23,430	956	3,000	5,225	9,873	3,012	594	758	3
Weapons; carrying, possessing, etc.....	34,520	6,567	4,578	5,273	8,783	5,333	1,598	2,385	2
Offenses against family and children.....	34,203	698	2,483	5,154	18,291	8,807	2,034	2,028	8
Liquor laws.....	86,818	16,690	23,075	57,770	12,606	13,039	5,274	9,261	13
Driving while intoxicated.....	140,381	1,128	5,724	15,133	40,090	42,519	16,701	24,958	38
Disorderly conduct.....	449,444	51,729	49,929	57,056	109,933	92,768	32,516	54,777	146
Drunkenness.....	1,328,407	12,936	37,362	82,511	262,912	386,110	181,907	361,479	1,190
Vagrancy.....	146,105	9,143	14,597	14,295	27,740	32,093	14,789	33,371	77
Gambling.....	119,243	1,730	3,577	7,764	32,354	31,304	13,221	26,270	24
Suspicion.....	126,782	22,303	22,645	20,938	29,938	17,130	5,490	8,308	35
All other offenses.....	453,462	166,945	42,170	46,642	81,440	62,983	20,008	33,476	798
RURAL									
Total.....	398,760	59,823	51,724	51,549	90,662	75,465	27,521	41,920	96
Criminal homicide:									
Murder and nonnegligent man-slaughter.....	982	54	92	135	284	203	59	155	-----
Manslaughter by negligence.....	553	41	87	112	157	81	26	54	-----
Robbery.....	3,221	428	821	755	859	283	45	30	-----
Aggravated assault.....	7,414	605	1,021	1,114	2,158	1,445	436	635	-----
Other assaults.....	18,396	1,106	1,791	2,772	5,855	4,138	1,174	1,558	2
Burglary—breaking or entering.....	25,764	10,452	5,856	8,669	3,684	1,436	305	352	-----
Larceny—theft.....	27,594	9,201	5,862	3,766	4,405	2,531	724	1,037	8
Auto theft.....	8,834	4,609	1,590	988	1,014	485	96	78	1
Embezzlement and fraud.....	9,423	147	49	2,888	3,575	2,626	666	720	4
Stolen property; buying, receiving, etc.....	1,613	316	332	271	360	205	57	73	-----
Forgery and counterfeiting.....	6,073	324	716	1,041	2,027	1,297	317	351	-----
Forcible rape.....	1,603	104	368	391	490	161	40	49	-----
Prostitution and commercialized vice.....	597	23	39	153	232	100	20	30	-----
Other sex offenses (incl. statutory rape).....	5,292	828	805	905	1,192	854	205	446	-----
Narcotic drug laws.....	4,101	227	830	1,139	1,434	322	72	77	-----
Weapons; carrying, possessing, etc.....	3,346	579	490	552	828	516	155	220	-----
Offenses against family and children.....	16,071	104	1,016	2,493	6,099	4,302	1,047	919	1
Liquor laws.....	19,242	8,715	7,392	2,088	2,191	1,908	781	1,247	-----
Driving while intoxicated.....	34,351	291	1,477	3,567	8,747	6,829	4,206	6,251	7
Disorderly conduct.....	23,299	2,284	3,691	4,042	5,447	4,145	1,414	2,260	-----
Drunkenness.....	83,093	1,846	4,890	8,363	18,673	23,039	10,180	16,981	21
Vagrancy.....	7,069	301	776	730	1,361	1,567	710	1,534	-----
Gambling.....	3,359	50	135	293	982	896	310	693	-----
Suspicion.....	9,390	3,003	1,704	1,240	1,536	984	368	564	-----
All other offenses.....	77,176	18,959	9,444	9,772	17,072	12,240	4,046	5,501	52

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 198. SUMMARY OF POLICE EMPLOYMENT, BY TYPE OF GOVERNMENT: 1957

(As of April. Excludes Alaska and Hawaii. Comprises uniformed policemen, law enforcement agents, and clerical, administrative, and custodial personnel concerned with police protection activities)

ITEM	All governments	Federal ¹ (civilian)	STATE AND LOCAL						
			Total	State	Local				
					Total	Counties	Municipalities		
Police employees.....	1,000	816	22	294	28	267	37	215	15
Full time.....	do	(2)	(2)	262	27	235	33	193	8
Part time.....	do	(2)	(2)	32	1	32	4	22	7
Full-time equivalent.....	do	200	21	260	27	241	34	198	9
Per 10,000 population ²	17.0	(2)	15.8	1.6	14.2	(2)	(2)	(2)	(2)
Percent distribution.....	100.0	(2)	7.4	92.6	9.4	83.2	11.8	68.2	3.2
Payroll (April).....	mil. dol.	108.6	11.0	97.6	9.6	88.0	11.5	73.3	3.2
Full-time employees.....	do	(2)	(2)	95.3	9.6	85.7	11.2	71.7	2.9
Part-time employees.....	do	(2)	(2)	2.3		2.3	0.4	1.6	0.3
Average earnings per full-time employee.....	dollars	(2)	(2)	363	351	365	387	371	341
Police employment as percent of total public employment.....									
Full-time equivalent employment.....	4.1	(2)	5.6	2.3	6.7	5.7	15.3	7.7	
Payroll (April).....	4.3	(2)	6.0	2.5	7.2	6.8	15.9	8.7	

¹ Comprises employment in the Federal Bureau of Investigation, Immigration and Naturalization Service, Bureau of Narcotics, and Secret Service.² Not available.³ Based on estimated population as of July 1, 1957.Source: Department of Commerce, Bureau of the Census; 1957 Census of Governments, *Summary of Public Employment*.

No. 199. U.S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER TERMS: 1940 TO 1960

(For years beginning in June. Statutory term of Court begins first Monday in October, but for statistical purposes new term begins upon adjournment of preceding term, usually in June)

ACTION	1940	1945	1950	1955	1957	1958	1959	1960
Total cases:								
Filed.....	977	1,316	1,181	1,644	1,639	1,810	1,862	1,940
Disposed of.....	985	1,292	1,202	1,630	1,765	1,763	1,787	1,911
Remaining on docket.....	124	108	118	219	225	281	356	385
Original causes filed.....	4	1		4	2	3		
Appeals filed.....	84	84	77	{ 104	110	126	90	124
Pauper appeals filed.....				{ 17	17	25	22	28
Petitions for review:								
Filed.....	700	727	582	787	716	760	767	718
Granted.....	174	155	89	123	110	108	122	87
Denied or dismissed.....	592	585	495	643	670	641	645	628
Pauper petitions for review:								
Filed.....	120	393	404	583	680	772	836	930
Granted.....	19	15	17	16	34	24	55	22
Denied or dismissed.....	101	378	386	579	648	716	743	871
Motions for leave to file various writs:								
Filed.....		181	118	140	114	133	147	120
Granted.....				2		1		
Denied or dismissed.....		181	121	155	110	123	146	125
Method of disposition of cases by—								
Written opinions (number of cases).....	195	170	114	103	125	116	110	125
Number of written opinions.....	165	184	91	82	104	99	97	110
Court opinions not signed by an individual Justice.....	86	46	77	127	184	135	122	136
Final decree—original cases.....	1		5	4	1	3		1
Denial or dismissal of petitions for review.....	693	943	881	1,222	1,318	1,357	1,388	1,490
Denial or withdrawal of motions to file various writs.....		181	121	155	119	123	146	125
Dismissal of pauper appeals.....				16	14	26	17	21
Motion to dismiss or per stipulation.....	10	3	4	3	4	3	4	4

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 200. U.S. COURTS OF APPEALS—CASES COMMENCED: 1940 TO 1961

[For years ending June 30]

CASES	1940	1945	1950	1955	1957	1958	1959	1960	1961
Total cases.....	3,505	2,730	2,830	3,695	3,701	3,694	3,754	3,899	4,204
Appeals from courts.....									
Administrative appeals, total.....	2,561	2,168	2,260	3,049	3,017	3,010	3,088	3,095	3,269
Federal Communications Commission.....	800	511	485	576	618	625	606	737	846
Federal Power Commission.....	15	4	14	34	45	53	35	34	34
Federal Trade Commission.....	8	4	12	27	53	31	39	62	42
National Labor Relations Board.....	23	26	8	25	19	21	22	20	20
The Tax Court of the United States.....	306	108	167	178	201	222	254	348	425
Other administrative appeals.....	414	331	230	272	255	253	204	203	218
Original proceedings.....	34	38	46	40	45	45	204	61	98
	144	51	55	70	66	59	52	67	89

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 201. U.S. DISTRICT COURTS—TRIALS BEGUN: 1945 TO 1961

[For years ending June 30. Beginning 1961, covers all district courts and represents trials completed; prior to 1961, excludes D.C., Alaska, Hawaii, and outlying areas. For purposes of this table, a trial was defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence was introduced and final judgment sought]

TYPE OF TRIAL	1945	1950	1955	1956	1957	1958	1959	1960	1961
Total.....	8,390	7,977	9,258	9,865	9,147	9,545	9,123	9,042	9,594
Civil trials.....	4,358	5,663	5,882	6,580	6,133	6,386	6,298	6,002	6,156
Nonjury.....	2,845	3,648	3,224	3,413	3,076	3,262	3,238	3,161	3,245
Jury.....	1,513	2,015	2,658	3,176	3,057	3,124	3,060	2,841	2,911
Criminal trials.....	4,032	2,314	3,376	3,276	3,014	3,159	2,825	3,040	3,438
Nonjury.....	1,391	825	1,151	1,208	1,090	1,220	920	943	982
Jury.....	2,641	1,489	2,225	2,087	1,915	1,939	1,905	2,097	2,456

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 202. U.S. DISTRICT COURTS—CIVIL CASES TERMINATED, BY TIME INTERVAL FROM FILING TO DISPOSITION: 1950 TO 1961

[For years ending June 30. Covers only cases in which a trial was held. Prior to 1961, excludes district courts in D.C., Alaska, Hawaii, and Virgin Islands; also excludes data for land condemnation, forfeiture, and habeas corpus cases. Beginning 1961, covers all district courts and excludes only land condemnation trials. For definition of median, see table 18]

TIME INTERVAL	1950			1955			1960			1961, total
	Total cases	Non- jury	Jury	Total cases	Non- jury	Jury	Total cases	Non- jury	Jury	
Total.....	5,020	3,320	1,700	5,239	2,806	2,433	4,979	2,500	2,479	5,553
Less than 1 year.....	2,692	1,732	960	2,174	1,015	1,160	1,509	708	891	1,984
1 to 2 years.....	1,448	937	511	1,561	885	696	1,677	891	786	1,774
2 years and over.....	880	651	229	1,504	926	578	1,703	901	802	1,795
1 year and over..... Median interval— months.....	46.4 11.2	47.8 11.5	43.5 10.4	58.5 14.0	63.8 16.7	52.4 12.6	67.9 17.8	71.6 18.8	64.1 16.6	64.3 16.5

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 203. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED AND TERMINATED, BY NATURE OF SUIT: 1961

[For year ending June 30. Covers all district courts. Cases terminated exclude land condemnation cases and cases disposed of by transfer or consolidation]

NATURE OF SUIT	CASES COMMENCED					CASES TERMINATED						
	Total	U.S. cases		Private cases		Total	Before pre-trial or trial		Before trial but after pre-trial		Total	Percent tried
		Plaintiff	Defendant	Federal question	Other		Issue not joined	Issue joined	Total	Percent tried		
Total cases.....	58,293	13,816	6,027	13,980	24,470	50,490	22,168	15,739	7,030	5,553	11.0	
Contract actions.....	16,340	6,889	362	3,787	5,302	15,425	9,521	3,477	1,226	1,201	7.8	
Insurance.....	1,586	—	92	1	1,493	1,378	254	561	266	297	21.6	
Marine.....	2,412	28	34	2,350	—	2,105	1,847	523	135	100	4.8	
Miller Act.....	1,333	—	—	1,333	—	1,003	397	388	127	91	9.1	
Negotiable instruments.....	4,070	3,868	—	—	202	4,089	8,517	380	91	62	1.5	
Recovery of overpayments and enforcement of judgments.....	2,357	2,252	1	—	104	2,407	2,167	166	39	35	1.5	
Stockholders suits.....	64	—	—	—	64	67	35	22	6	4	6.0	
Other.....	4,518	741	235	103	3,439	4,406	1,804	1,428	562	612	13.9	
Real property actions.....	3,326	2,222	172	22	910	2,000	1,166	476	176	182	9.1	
Condemnation of land.....	997	961	21	14	11	—	—	—	—	—	—	
Foreclosure.....	1,326	1,142	26	—	158	928	772	119	18	19	2.0	
Rent, lease, and ejectment.....	109	50	23	2	124	103	04	35	22	12	7.4	
Torts to land.....	292	39	61	—	192	201	50	116	68	57	19.6	
Other.....	512	40	41	6	425	618	250	206	68	94	15.2	
Tort actions.....	21,205	320	1,399	5,180	14,306	19,182	3,804	7,711	4,729	2,938	15.3	
Personal injury:												
Airplane.....	335	—	—	1	3	331	208	33	64	28	13.5	
Assault, libel, slander.....	514	—	—	4	1	509	394	114	150	64	16.2	
Employers' Liability												
Act.....	1,114	—	—	1,114	—	1,100	40	414	302	254	23.1	
Marine.....	4,890	100	3,422	1,367	4,446	1,747	1,628	730	341	341	7.7	
Motor vehicle.....	9,083	735	9	8,339	8,142	964	3,525	2,300	1,353	16.6	—	
Other.....	3,725	2	423	10	8,290	3,400	421	1,367	929	683	20.1	
Personal property damage:												
Fraud.....	482	146	—	—	336	470	100	192	65	56	11.7	
Other.....	1,063	172	136	321	134	1,013	319	352	183	159	16.7	
Action under statutes.....	13,427	4,353	4,074	4,949	51	12,435	6,547	3,848	894	1,146	9.2	
Antitrust laws.....	420	42	—	378	—	287	64	115	73	35	12.2	
Bankruptcy trustee suits.....	308	—	—	1	307	—	250	52	99	56	43	
Banks and banking.....	114	—	7	107	—	93	81	7	3	2	2.2	
Civil rights.....	296	13	18	270	—	243	124	76	11	32	13.2	
Commerce, interstate.....	335	31	65	230	—	334	134	121	23	46	13.8	
Deportation.....	316	—	316	—	—	282	178	83	6	15	5.3	
Detention, prisoner:												
Motions to vacate sentence.....	560	—	560	—	—	560	527	26	—	7	1.3	
Parole Board review.....	161	—	161	—	—	78	72	5	—	1	1.3	
Prison officials, habeas corpus.....	1,888	—	868	984	36	1,869	1,558	208	3	100	5.4	
Forfeiture, penalty suits:												
Agricultural Acts.....	157	155	2	—	—	184	104	45	17	18	9.8	
Food and Drug Act.....	1,156	1,156	—	—	—	1,054	831	209	12	2	0.2	
Liquor laws.....	248	246	2	—	—	222	42	77	25	78	35.1	
Railroad regulation.....	430	430	—	—	—	481	321	141	9	10	2.1	
Airline regulation.....	66	66	—	—	—	50	40	14	3	2	8.4	
Other.....	303	298	5	—	—	202	134	40	10	18	8.9	
Labor laws:												
Fair Labor Standards Act.....	1,554	1,260	3	291	—	1,535	774	516	130	115	7.5	
Labor Management Relations Act.....	696	253	18	425	—	591	302	200	24	65	11.0	
Labor Management Reporting and Disclosure Act.....	114	18	4	92	—	79	49	24	1	5	6.3	
Railway Labor Act.....	92	—	3	89	—	56	31	15	3	7	12.5	
Welfare Pension Plan Disclosure Act.....	28	—	—	28	—	12	11	—	1	—	—	
Protected property rights:												
Copyright.....	476	—	2	474	—	411	234	130	20	27	6.6	
Patent.....	767	1	82	684	—	807	181	406	95	125	15.5	
Trademark.....	342	—	1	341	—	311	138	124	17	32	10.3	
Securities, commodities, and exchanges.....	267	93	3	171	—	200	86	87	13	14	7.0	
Social security laws.....	637	—	537	—	—	453	100	273	40	31	6.8	
Tax suits.....	1,507	218	1,274	—	15	1,415	158	700	276	281	19.9	
Other statutory actions.....	289	73	147	60	—	367	212	107	13	35	9.5	
Other actions.....	3,995	32	20	42	3,901	1,448	1,130	227	5	86	5.9	

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 204. U.S. DISTRICT COURTS—DEFENDANTS IN ORIGINAL PROCEEDINGS COMMENCED, BY NATURE OF OFFENSE: 1960 AND 1961
 [For years ending June 30. Covers all district courts]

NATURE OF PROCEEDINGS AND OFFENSE	1960	1961	NATURE OF PROCEEDINGS AND OFFENSE	1960	1961
Total defendants.....	35,017	35,139	General offenses—Con.		
Proceedings commenced by:			Forgery and counterfeiting.....	3,132	8,223
Indictment.....	18,677	19,145	Forgery, postal.....	247	255
Information, indictment waived.....	9,335	9,167	Forgery, other.....	2,762	2,684
Information, other.....	6,883	6,792	Counterfeiting.....	123	284
All other proceedings.....	122	35	Sex offenses.....	401	324
General offenses:			Rape.....	119	73
Homicide.....	129	117	White slave traffic.....	211	214
Murder, first degree.....	54	46	Other.....	71	37
Murder, second degree.....	32	42	Narcotics.....	2,022	1,940
Manslaughter.....	43	29	Marijuana Tax Act.....	608	455
Robbery.....	560	640	Border registrations.....	159	197
Bank.....	316	318	Other narcotics.....	1,255	1,297
Postal.....	20	21	Miscellaneous general offenses.....	1,133	986
Other.....	233	301	Bribery.....	40	34
Assault.....	318	245	Drunk driving and traffic.....	99	53
Aggravated, felonious.....	293	228	Escape.....	208	248
Other.....	25	17	Extortion, racketeering, and threats.....	145	106
Burglary, breaking and entering.....	522	484	Gambling and lottery.....	189	131
Bank.....	56	61	Kidnapping.....	37	29
Postal.....	99	99	Perjury.....	50	39
Other.....	367	324	Weapons and firearms.....	244	238
Larceny and theft.....	8,037	4,237	Other.....	111	58
Bank.....	51	50	Special offenses:		
Postal.....	866	1,009	Immigration laws.....	2,370	2,400
Interstate shipments.....	727	950	Liquor, Internal Revenue.....	5,981	5,077
Other U.S. property.....	438	547	Federal statutes.....	4,050	3,836
Receiving stolen property.....	86	101	Agricultural Acts.....	134	154
Trans., etc., of stolen property.....	1,129	1,289	Antitrust violations.....	155	110
Other, felony.....	227	186	Fair Labor Standards Act.....	245	161
Other, misdemeanor.....	113	105	Food and Drug Act.....	636	555
Embezzlement and fraud.....	4,794	5,202	Migratory bird laws.....	830	813
Embezzlement, bank.....	396	484	Motor Carrier Act.....	733	706
Embezzlement, postal.....	572	575	National defense laws.....	377	373
Embezzlement, other.....	165	145	Mail, transport obscene material.....	190	185
Fraud, income tax.....	645	783	Other.....	741	718
Fraud, lending institutions.....	295	347	Juvenile delinquency.....	1,464	1,455
Fraud, postal.....	620	605	Robbery.....	8	10
Fraud, veterans and allotments.....	165	148	Burglary.....	68	61
Fraud, other.....	1,046	2,138	Theft.....	153	187
Auto theft.....	4,477	5,015	Auto theft.....	967	920
Transportation, etc., interstate.....	4,370	4,900	Narcotics.....	39	22
Other.....	107	115	Liquor, Internal Revenue.....	61	74
			Other.....	173	181

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 205. LEGAL PROFESSION—SELECTED CHARACTERISTICS OF LAWYERS: 1951 TO 1960

[Includes Alaska and Hawaii. See headnote, table 208]

ITEM	1951	1954	1957	1960
Total lawyers reporting ¹	204,111	221,600	235,783	252,385
In cities with 200,000 population or more ²	107,161	116,891	124,240	136,932
In cities with less than 200,000 population ²	96,960	105,700	111,543	115,463
Male.....	192,052	216,504	229,433	245,807
Female.....	5,039	5,036	6,360	6,488
With law degree.....	145,407	170,597	188,883	213,178
Status in practice: ³				
In government service.....	19,910	21,279	24,246	25,621
In judicial service.....	7,471	7,903	7,910	8,180
In private practice.....	176,995	189,428	188,955	192,353
Salaried.....	12,927	16,648	21,054	26,108
Inactive or retired.....	6,974	6,581	7,081	10,887

¹ Includes duplications: 1951, 4,147; 1954, 4,440; 1957, 4,606; 1960, 4,504.

² 1951-1957, according to the 1950 Census of Population; 1960 according to the 1960 Census of Population.

³ If more than one subentry was applicable the individual was tabulated in each.

Source: American Bar Foundation; *The 1961 Lawyer Statistical Report*.

No. 206. U.S. DISTRICT COURTS—CRIMINAL DEFENDANTS DISPOSED OF, BY
MAJOR OFFENSE GROUPS: 1961

[For year ending June 30. Excludes district courts in D.C.]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED			SENTENCED			
		Total	Dismissed	Acquitted	Total	Pleas of guilty or nolo	Convicted	Imprisonment	Probation	Fine only	Other
Total (excl. juvenile delinquency)	31,226	3,998	2,855	1,143	27,228	24,830	2,398	13,745	10,059	2,770	654
General offenses:											
Homicide	51	22	9	13	20	21	8	24	5	-----	-----
Robbery	323	43	34	9	280	232	48	257	23	-----	-----
Assault	160	29	21	8	131	92	39	83	36	12	-----
Burglary	296	24	20	4	272	244	28	190	81	-----	1
Larceny and theft	3,750	372	254	118	3,378	3,132	246	1,936	1,333	73	36
Embezzlement and fraud	4,728	735	537	198	3,903	3,090	303	1,072	2,320	558	43
Auto theft	4,770	346	246	100	4,433	4,176	257	3,246	1,122	3	63
Forgery and counterfeiting	3,004	199	153	46	2,805	2,674	131	1,640	1,130	9	17
Sex offenses	248	58	33	25	190	138	57	155	38	-----	2
Narcotics	1,828	313	248	65	1,515	1,171	344	1,258	252	3	2
Miscellaneous general offenses	795	155	125	30	640	537	103	379	178	68	15
Special offenses:											
Immigration laws	2,341	90	91	8	2,242	2,214	28	1,366	437	28	411
Liquor, Internal Revenue	5,183	944	628	316	4,230	3,878	563	1,750	2,366	106	17
Federal statutes	3,740	659	456	203	3,081	2,838	243	390	734	1,910	47
Juvenile delinquency	1,445	48	32	16	1,397	-----	1,397	717	655	2	23

¹ Juvenile cases excluded because proceedings differ from ordinary court trial and because Attorney General may designate any public or private agency for custody of juvenile during period of commitment.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 207. LEGAL PROFESSION—LAWYERS, BY SEX, YEAR OF BIRTH, EDUCATION, AND STATUS IN PRACTICE: 1960

[Includes Alaska and Hawaii. Data based on 1961 edition of Martindale-Hubbell Law Directory]

ITEM	Total lawyers	IN CITIES ¹ HAVING—		ITEM	Total lawyers	IN CITIES ¹ HAVING—	
		200,000 inhabitants or more	Less than 200,000			200,000 inhabitants or more	Less than 200,000
Total ²	285,933	155,684	130,249	Status in practice: ⁴	25,621	13,282	12,339
Total reporting ³	252,855	136,932	115,453	Government service	13,045	9,955	3,090
Male	245,897	133,040	112,857	Federal	4,316	1,391	2,925
Female	6,488	3,892	2,598	State	8,260	1,936	6,324
Year of birth:				City or county	8,180	1,977	6,208
1935 and later	1,891	1,070	821	Judicial	559	289	310
1925-1934	57,082	31,821	25,261	Federal	5,301	1,212	4,089
1915-1924	62,704	32,044	30,660	State or county	2,280	476	1,804
1905-1914	50,327	33,106	26,221	City	192,853	90,053	92,400
1895-1904	39,229	22,481	16,748	Private practice	116,011	60,285	56,676
1885-1894	20,303	10,395	9,908	Individual	60,709	20,684	31,126
1875-1884	7,998	3,697	4,301	Partner	14,738	10,134	4,599
1874 and earlier	1,487	594	893	Associate ⁵	25,198	16,722	8,476
Unknown	2,364	1,724	640	Salaried	22,583	15,261	7,272
Education:				Private industry	10,887	4,480	6,407
Attended college	211,711	114,438	97,273	Educational institution	1,708	787	1,011
College degree	146,359	81,622	64,737	Other private employment	867	674	193
Attended law school	233,600	129,107	104,493	Inactive or retired	-----	-----	-----
Law degree	213,178	110,279	93,809				
Unknown	12,358	6,069	6,289				

¹ According to the 1960 Census of Population.

² Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.

³ Includes 4,604 duplications.

⁴ In some cases, if more than one subentry was applicable the individual was tabulated in each.

⁵ Lawyers employed by individual practitioners or partnerships.

Source: American Bar Foundation; *The 1961 Lawyer Statistical Report*.

No. 208. LEGAL PROFESSION—LAWYERS, BY STATES: 1954 TO 1960

[Data based on 1955, 1958, and 1961 editions of Martindale-Hubbell Law Directory]

STATE	1954 ¹	1957 ¹	1960 ¹	1960				
				Total reporting	Male	In private practice	In government or judicial service	With law degree
United States	241,514	262,320	285,933	252,885	245,897	3 192,351	3 33,801	213,178
Alabama	2,268	2,504	2,712	2,507	2,452	1,907	452	2,161
Alaska	136	158	108	174	107	129	49	139
Arizona	1,099	1,254	1,681	1,599	1,561	1,223	181	1,379
Arkansas	1,773	1,782	1,778	1,655	1,613	1,289	330	1,136
California	18,412	20,505	22,576	20,338	19,608	16,003	2,450	17,516
Colorado	2,620	3,082	3,606	3,060	2,986	2,341	304	2,787
Connecticut	3,137	3,420	3,932	3,652	3,576	2,897	306	3,181
Delaware	378	452	514	480	474	292	37	437
District of Columbia	8,568	11,650	12,504	11,831	11,298	4,501	6,604	11,106
Florida	5,930	6,765	7,737	7,185	7,027	5,773	763	6,406
Georgia	4,490	4,632	4,806	4,184	4,055	3,168	664	3,209
Hawaii	391	446	482	470	459	371	128	433
Idaho	635	675	682	638	621	485	138	522
Illinois	17,344	18,181	18,901	17,070	16,640	13,439	1,581	15,086
Indiana	4,512	4,624	4,746	4,470	4,378	3,485	626	3,690
Iowa	3,496	3,492	3,556	3,408	3,341	2,626	454	2,603
Kansas	2,563	2,688	2,986	2,618	2,673	2,056	496	2,276
Kentucky	3,189	3,323	3,337	2,977	2,928	2,388	524	2,295
Louisiana	3,298	3,620	4,177	3,742	3,645	2,967	372	3,076
Maine	982	962	982	900	886	757	162	602
Maryland	4,181	4,573	5,224	4,349	4,242	3,355	387	3,891
Massachusetts	8,740	9,488	10,884	9,164	8,846	7,797	567	7,577
Michigan	8,972	8,746	9,418	8,108	7,902	6,396	1,012	7,128
Minnesota	4,048	4,372	4,712	4,467	4,387	3,314	626	3,687
Mississippi	2,052	2,067	2,190	1,927	1,887	1,480	303	1,446
Missouri	6,920	7,031	7,463	6,477	6,324	4,741	804	5,482
Montana	930	967	1,028	901	896	683	187	716
Nebraska	2,314	2,334	2,344	2,178	2,120	1,634	374	1,723
Nevada	346	390	440	415	407	330	80	342
New Hampshire	544	571	636	591	576	457	109	495
New Jersey	8,200	8,507	9,331	8,277	8,114	7,015	644	8,060
New Mexico	755	890	972	841	818	661	155	738
New York	39,462	43,740	49,832	40,121	38,961	30,618	2,453	34,488
North Carolina	3,268	3,386	3,613	3,279	3,244	2,623	533	2,198
North Dakota	683	691	738	639	630	468	168	506
Ohio	13,594	14,447	15,470	13,622	13,213	10,633	1,361	11,545
Oklahoma	4,210	4,326	4,818	4,126	4,008	2,938	601	3,172
Oregon	2,276	2,435	2,646	2,413	2,359	1,917	405	2,074
Pennsylvania	10,654	11,308	12,137	11,164	10,970	9,240	854	9,396
Rhode Island	984	1,007	1,066	1,010	999	897	97	388
South Carolina	1,624	1,713	1,884	1,685	1,654	1,346	290	1,386
South Dakota	770	785	788	728	715	511	207	501
Tennessee	3,738	3,914	4,281	3,756	3,688	2,928	588	3,251
Texas	12,056	13,069	13,697	12,643	12,294	9,890	1,699	10,082
Utah	939	1,038	1,144	1,032	1,010	820	157	886
Vermont	418	446	493	431	414	330	80	290
Virginia	4,193	4,429	4,724	4,093	4,006	3,097	735	3,227
Washington	3,406	3,583	3,895	3,621	3,541	2,862	567	3,197
West Virginia	1,716	1,785	1,789	1,726	1,705	1,405	271	1,505
Wisconsin	4,953	5,724	6,134	5,384	5,242	4,122	779	4,735
Wyoming	448	476	492	454	446	328	99	383

¹ Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.² Includes 4,604 duplications.³ See footnote 4, table 207.Source: American Bar Foundation; *The 1961 Lawyer Statistical Report*.

NO. 209. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY TYPE OF INSTITUTION: 1940 TO 1960

[Rate per 100,000 estimated civilian population. Federal institutions include a few prisoners committed from the Federal courts in Alaska and Hawaii; beginning 1960, includes State institutions in Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series II 412-417.]

YEAR	PRESENT AT END OF YEAR				RECEIVED FROM COURTS			
	All institutions		Federal institutions		State institutions		All institutions	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1940	173,706	131.9	19,280	14.8	154,446	117.3	73,104	55.5
1945	183,640	104.8	18,688	14.8	115,011	90.2	53,212	41.7
1950	166,165	110.6	17,134	11.4	149,031	99.2	69,516	46.3
1951	165,080	109.7	17,395	11.5	148,285	98.1	67,211	44.5
1952	168,283	109.7	18,014	11.7	150,219	97.9	70,922	46.2
1953	173,579	111.2	19,363	12.4	154,216	98.8	74,274	47.6
1954	182,901	115.0	20,003	12.6	162,898	102.4	80,962	50.0
1955	185,915	114.5	20,088	12.4	165,827	102.2	78,470	48.4
1956	189,665	114.7	20,134	12.2	160,431	102.5	77,988	47.2
1957	195,414	116.1	20,420	12.1	174,994	103.9	80,557	47.8
1958	205,643	120.0	21,549	12.6	184,094	107.4	88,725	51.8
1959	207,513	118.9	22,492	12.9	185,021	106.0	87,266	50.0
1960	213,142	119.8	23,218	13.0	189,924	106.7	88,675	49.8

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 27.

NO. 210. FEDERAL AND STATE PRISONS—MOVEMENT OF SENTENCED PRISONERS, BY SEX: 1959 AND 1960

[For coverage, see headnote, table 209. See also *Historical Statistics, Colonial Times to 1957*, series II 418 and II 421-431]

MOVEMENT OF SENTENCED PRISONERS	1959			1960		
	Total	Male	Female	Total	Male	Female
Prisoners present:						
January 1	205,643	198,208	7,435	208,105	200,460	7,636
December 31	207,613	199,889	7,624	213,142	205,449	7,693
Percent change	0.9	0.8	2.5	2.4	2.5	0.7
Admissions:	167,826	161,818	6,008	167,309	161,071	6,238
Admitted, except transfers	112,944	107,247	5,897	118,193	112,335	5,858
Received from courts	87,266	82,988	4,298	88,675	84,364	4,311
Returned as a parole or conditional-release violator	13,418	12,702	716	15,042	14,326	716
Returned from escape	2,420	2,311	109	2,724	2,569	155
Other admissions ¹	9,840	9,266	574	11,752	11,076	676
Transferred from other institutions	54,882	54,571	311	49,116	48,736	380
Discharges:	165,956	160,137	5,819	162,272	156,091	6,181
Discharged, except transfers	110,805	105,320	5,485	113,180	107,388	5,792
Releases:	96,530	91,830	4,691	96,362	91,483	4,870
Conditional	58,536	55,543	2,973	59,398	60,266	3,132
Parole	52,498	49,690	2,808	52,801	49,873	2,928
Conditional pardon	14	11	3	12	11	1
Other conditional release	6,024	5,862	162	6,585	6,382	203
Unconditional	37,994	36,276	1,718	36,964	35,217	1,747
Expiration of sentence	34,458	33,025	1,433	33,628	32,101	1,437
Fardon	55	47	8	51	43	8
Commutation	3,481	3,204	277	3,285	2,983	302
Escape	2,465	2,349	116	2,695	2,529	166
Death, except execution	735	716	19	739	723	16
Execution	49	49	57	57	57	57
Other discharges ¹	11,026	10,367	659	13,327	12,506	731
Transferred to other institutions	55,151	54,817	334	40,092	48,703	389

¹ Includes prisoner movement incident to court orders and authorized temporary absences.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 24 (revised) and 27.

No. 211. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY STATES: 1950 TO 1960

[See headnote, table 208]

STATE	PRESENT AT END OF YEAR					RECEIVED FROM COURTS				
	1950	1955	1958	1959	1960	1950	1955	1958	1959	1960
United States.....	166,165	185,915	205,643	207,513	213,142	69,515	78,479	88,725	87,266	88,575
Federal institutions ¹	17,134	20,088	21,549	22,492	23,218	14,237	15,286	13,803	13,872	13,723
State institutions.....	149,031	165,827	184,094	185,021	189,324	55,278	63,193	74,922	73,394	74,952
New England:										
Maine.....	736	620	647	696	750	471	325	415	436	495
New Hampshire.....	235	198	144	147	180	72	76	47	71	83
Vermont.....	259	285	295	315	269	210	207	243	251	217
Massachusetts.....	2,375	1,695	1,906	1,913	1,020	851	831	990	982	965
Rhode Island ²	284	305	272	274	255	250	201	140	121	104
Connecticut.....	1,020	1,260	1,565	1,500	1,497	440	591	849	748	875
Middle Atlantic:										
New York.....	15,313	17,069	17,552	16,821	17,208	3,456	4,510	4,651	4,953	5,186
New Jersey.....	3,991	3,782	3,998	4,101	4,286	1,555	1,679	2,155	2,175	2,274
Pennsylvania.....	7,432	7,342	7,945	7,924	7,802	1,867	2,187	2,588	2,207	2,101
East North Central:										
Ohio.....	9,128	10,483	11,365	11,448	11,111	2,727	3,264	4,207	3,874	3,733
Indiana.....	4,758	4,462	5,296	5,268	5,428	1,184	1,331	1,576	1,200	1,396
Illinois.....	7,886	8,130	8,606	8,660	9,064	1,868	2,196	2,552	2,487	2,826
Michigan.....	8,591	9,547	10,334	9,622	9,550	3,076	3,275	3,890	3,667	3,706
Wisconsin.....	2,017	2,281	2,617	2,640	2,784	1,051	1,265	1,343	1,243	1,315
West North Central:										
Minnesota.....	1,879	1,964	2,128	2,137	2,059	670	653	727	714	633
Iowa.....	2,084	2,203	2,187	2,212	2,204	632	743	830	780	845
Missouri.....	3,400	3,966	3,073	3,614	3,598	1,550	1,602	1,821	1,743	1,841
North Dakota.....	235	228	298	270	248	124	126	175	136	134
South Dakota.....	451	423	467	561	528	302	291	358	402	303
Nebraska.....	1,147	1,080	1,210	1,237	1,269	623	644	728	631	767
Kansas.....	1,959	1,974	2,001	2,248	2,318	833	802	945	962	985
South Atlantic:										
Delaware.....	158	172	226	282	218	123	127	246	208	244
Maryland.....	3,892	4,655	5,037	5,010	5,316	3,060	3,855	4,244	3,896	4,360
District of Columbia.....	1,478	2,020	2,084	1,990	2,087	580	679	688	636	578
Virginia.....	4,439	4,869	5,710	5,908	5,775	1,751	1,839	2,218	2,119	1,884
West Virginia.....	2,004	2,269	2,406	2,492	2,407	702	624	680	732	511
North Carolina.....	5,004	5,334	5,804	5,940	5,977	1,928	2,384	2,639	2,795	2,709
South Carolina.....	1,513	1,882	2,200	2,131	2,080	607	839	1,217	1,022	903
Georgia ⁴	4,645	5,701	6,524	6,968	6,985	1,606	2,067	2,723	2,536	2,524
Florida.....	3,973	4,830	6,874	6,802	7,084	1,516	2,105	3,231	3,244	3,026
East South Central:										
Kentucky.....	3,250	3,849	3,531	3,430	3,603	1,365	1,476	1,849	1,605	1,793
Tennessee.....	2,780	2,723	2,712	2,914	3,134	1,026	984	1,073	1,288	1,294
Alabama ⁵	4,454	5,222	5,643	5,449	5,369	2,514	3,006	2,443	2,312	2,357
Mississippi.....	2,158	2,080	2,066	2,057	1,975	763	737	789	788	856
West South Central:										
Arkansas.....	1,541	1,751	1,840	1,911	2,016	695	787	903	889	908
Louisiana.....	2,674	3,026	3,636	3,661	3,749	1,164	1,342	1,679	1,578	1,649
Oklahoma.....	2,401	2,800	2,754	2,706	2,679	1,183	1,237	1,428	1,422	1,511
Texas.....	6,424	8,622	10,531	11,123	11,308	2,996	3,947	4,748	5,044	5,043
Mountain:										
Montana.....	595	599	645	588	602	410	382	441	425	425
Idaho.....	514	520	587	509	549	290	238	305	267	275
Wyoming.....	410	345	584	387	458	237	231	301	276	335
Colorado.....	1,490	1,800	1,972	2,012	2,078	957	929	1,098	1,094	1,123
New Mexico.....	705	724	1,000	1,136	1,243	437	403	506	528	495
Arizona.....	878	1,055	1,392	1,493	1,516	452	540	780	779	816
Utah.....	562	564	570	538	553	230	168	227	201	268
Nevada.....	240	373	380	399	418	172	218	185	243	222
Pacific:										
Washington.....	2,290	2,443	2,623	2,876	2,455	933	805	839	989	987
Oregon.....	1,534	1,552	1,524	1,552	1,710	680	641	791	832	891
California.....	11,056	15,230	10,202	18,299	21,660	3,122	3,038	5,411	5,718	6,028
Hawaii.....					558					134

¹ Not included in State figures.

² Beginning 1958, excludes misdemeanant prisoners received from court into Adult Correctional Institutions.

³ Covers only the New Castle County workhouse through 1955; beginning 1955, also includes the Kent and Sussex County workhouses which were united with it to form a State correctional system.

⁴ Includes only prisoners liable to imprisonment in Georgia State Prison.

⁵ Beginning 1958, excludes misdemeanant prisoners received from court.

No. 212. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME, BY OFFENSE: 1961

[For year ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii. Excludes 824 first releases other than by parole, expiration of sentence, and mandatory release; also excludes 1,016 parole releases of offenders sentenced under the Youth Corrections Act and 1,318 second or subsequent releases. In computing averages, sentences to life and to more than 25 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday.]

OFFENSE	BY PAROLE						BY OTHER TYPES OF RELEASE		
	Number	Average sentence (months)	Average time served Months	Average time served		Number	Average sentence (months)	Average time served Months	Percent of average sentence
				Number	Average sentence (months)				
ALL FIRST RELEASES									
Total offenses.....	12,081	29.2	18.6	63.7	3,293	35.9	16.1	44.8	8,788
Counterfeiting.....	64	34.0	20.3	59.7	19	52.4	22.5	42.9	45
Drug laws.....	1,019	38.3	38.0	66.9	81	50.1	21.6	43.1	98
Embezzlement.....	266	19.6	9.4	48.0	198	24.6	10.0	40.7	98
Forgery.....	1,319	22.9	15.3	66.8	281	27	13.3	44.8	1,033
Fraud.....	279	18.1	11.1	61.3	94	26.7	11.7	43.8	186
Immigration; nationality laws.....	1,116	10.2	7.5	73.5	224	11.2	5.4	48.2	892
Impersonating Federal officer.....	44	24.7	17.3	70.0	50	30.0	12.8	42.7	39
Income tax.....	112	14.5	7.9	54.5	49	21.7	8.8	40.6	63
Juvenile delinquency (except D.C.).....	730	34.0	20.6	60.6	422	38.1	18.4	38.3	368
Kidnapping.....	19	188.4	104.5	52.7	10	267.0	122.6	47.7	9
Larceny—Theft.....	3,408	26.7	18.4	68.9	688	20.4	14.0	47.6	2,720
Transportation, etc., of stolen motor vehicle.....	2,332	29.0	20.0	69.0	481	30.9	15.0	48.5	1,851
Liquor laws.....	1,869	15.9	10.1	63.5	674	19.1	8.7	45.5	1,195
Robbery.....	150	114.1	56.9	49.9	84	137.4	56.3	41.0	75
Securities, transporting false or forged.....	293	28.8	19.9	66.8	62	35.5	16.5	46.5	231
Selective Service Act.....	124	21.2	10.8	50.9	78	24.8	10.3	41.5	46
Wearing military uniform illegally.....	33	16.4	11.3	68.9	5	26.4	11.4	42.2	23
White slave traffic.....	114	31.8	21.2	66.7	28	28.7	13.3	46.3	86
Other and unclassifiable.....	537	25.3	16.1	63.6	128	36.1	16.0	44.3	409
District of Columbia cases.....	117	52.9	30.5	57.7	47	52.3	21.2	40.5	70
Government reservation, high seas, and territorial cases.....	277	50.1	27.5	54.9	82	103.7	45.8	44.2	195
Military court-martial cases.....	122	147.8	79.0	53.5	64	162.2	70.3	48.7	58

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

No. 213. SENTENCED FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY OFFENSE: 1937 TO 1961

[For years ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii. Data for all Federal prisoners; some committed to non-Federal institutions]

OFFENSE	1937	1940	1945	1950	1955	1959	1960	1961
Total	24,202	23,008	21,200	18,063	20,013	17,281	16,783	15,992
Counterfeiting and forgery	1,486	1,589	673	1,534	1,714	1,797	1,884	1,917
Drug laws	1,866	2,250	1,134	2,029	1,694	1,360	1,456	1,387
Marijuana	(1)	550	454	878	457	246	288	191
Narcotics	(1)	1,700	680	1,151	1,237	1,123	1,168	1,196
Embezzlement and fraud	510	750	340	609	487	690	665	645
Immigration	2,802	2,270	3,998	3,463	4,952	1,637	1,548	1,478
Income tax	(1)	(1)	15	184	237	185	165	170
Juvenile delinquency		216	911	658	734	869	889	881
Kidnaping	44	37	20	41	37	36	21	30
Liquor laws	12,238	10,735	2,988	2,304	2,204	2,440	2,226	1,958
Robbery	(1)	117	45	92	252	203	275	270
Theft from interstate commerce	308	313	475	270	342	327	334	349
Transportation, etc., of stolen motor vehicle	1,312	1,512	1,072	2,486	2,980	8,400	3,271	3,607
White slave traffic	370	378	209	185	240	139	120	143
Government reservation, D.C., high seas, and territorial cases	1,083	1,021	986	1,145	1,458	1,748	1,492	671
Other	2,203	1,759	1,748	2,104	1,973	2,141	2,132	2,280
National security offenses	30	56	6,588	970	610	310	335	206
Selective Service Acts			2,613	136	214	164	135	142
Other national-defense security laws	(1)	11	2,150	130	152	128	54	39
Military court-martial cases:								
Army	80	45	1,793	606	219	5	130	21
Navy			32	107	25	13	16	4

¹ Not classified separately.

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

No. 214. FEDERAL PRISONERS BY NUMBER OF PREVIOUS COMMITMENTS, BY OFFENSE: 1961

[For year ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii. Known previous commitments under sentence of prisoners committed to Federal institutions under sentence of more than 1 year]

OFFENSE	Total committed	WITH KNOWN PREVIOUS COMMITMENTS					Without known previous commitments	
		Total		With 1	With 2	With 3 or more		
		Number	Percent of total committed					
Total offenses	10,902	7,697	70.6	2,136	1,656	3,905	3,205	
Counterfeiting	138	92	66.7	31	20	41	46	
Drug laws	1,228	836	68.1	263	189	384	392	
Embezzlement	148	33	22.3	12	9	12	115	
Forgery	1,167	917	78.6	202	188	527	250	
Fraud	181	105	58.0	41	20	38	76	
Immigration	497	350	70.4	64	60	217	147	
Impersonating Federal officer	30	21	70.0	1	6	14	9	
Income tax	53	17	32.1	8	-----	0	36	
Juvenile delinquency	751	335	44.6	207	94	34	416	
Kidnaping	26	16	61.5	3	4	9	10	
Larceny—theft	3,910	3,176	81.2	731	663	1,782	734	
Transportation, etc., of stolen motor vehicle	3,110	2,668	82.3	590	546	1,432	551	
Liquor laws	1,162	791	68.1	269	194	328	371	
Robbery	247	168	66.0	48	33	82	84	
Securities, transporting false or forged	338	258	77.5	58	43	167	75	
Selective Service Acts	112	11	9.8	6	1	4	101	
Wearing military uniform illegally	12	10	83.3	2	7	1	2	
White slave traffic	118	62	69.5	24	18	42	36	
Other and unclassifiable	390	269	67.9	85	49	135	127	
Government reservation, D.C., high seas and territorial cases	369	205	55.6	76	43	88	184	
Military court-martial cases	24	10	41.7	5	2	3	14	

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

No. 215. FEDERAL AND STATE PRISONS—FULL-TIME STAFF, BY OCCUPATION AND SEX:
1960

[As of December 31. Excludes Alaska and Hawaii. Statistics on prisoners confined cover prisoners actually supervised by staff reported. They do not agree exactly with corresponding figures appearing in tables 209, 210, and 211.]

OCCUPATION	ALL INSTITUTIONS			FEDERAL INSTITUTIONS ¹			STATE INSTITUTIONS		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total full-time staff members	42,387	38,831	3,556	5,091	4,823	268	37,296	34,008	3,288
Prisoners confined	217,177	209,623	7,554	22,039	21,877	762	194,538	187,746	6,792
Prisoners per staff member	5.1	772	57	4.4	73	70	5.2	756	54
Administrative	829	772	57	73	70	3	702	667	54
Clerical and fiscal	3,677	2,053	1,624	486	386	100	3,191	1,667	1,524
Medical	1,168	974	194	361	347	14	807	627	180
Classification and parole	840	795	45	126	120	6	714	675	39
Education	1,440	1,301	139	171	163	8	1,289	1,138	131
Religion (chaplains)	215	215	—	36	36	—	179	179	—
Farm industries:									
Shop superintendents	377	367	10	57	56	1	320	311	9
Industries employees	1,701	1,632	69	354	347	7	1,347	1,285	62
Employees principally occupied with:									
Institutional maintenance ²	2,014	2,886	28	581	581	—	2,333	2,805	28
Culinary service ³	993	891	102	153	138	15	840	753	87
Farm operation ⁴	1,237	1,223	14	131	131	—	1,106	1,092	14
Custodial operation ⁴	28,200	25,006	1,194	2,515	2,401	114	23,686	22,605	1,080
Other officers and employees	796	716	80	47	47	—	749	669	80

¹ Excludes data for Public Health Service Hospitals for narcotic-drug addicts whose staff supervise both prisoner and nonprisoner patients.

² Foremen, stationary engineers, mechanics, carpenters, plumbers, laundrymen, etc.

³ Stewards, dietitians, cooks, bakers, etc.

⁴ Farm managers, dairymen, animal husbandmen, poultry men, vegetable gardeners, farm laborers, etc.

⁵ Officers and employees who primarily carry out a custodial function, and who cannot be classified in any of the above positions.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 29.

No. 216. PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY OFFENSE AND RACE:
1930 TO 1961

[Includes 2 Federal executions in Alaska, 1 in 1948 and 1 in 1950. Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1968, 1969, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1967*, series H 432-444]

TYPE OF OFFENSE AND RACE	All years	1930-39	1940-49	1950-59	1957	1958	1959	1960	1961
Total	3,766	1,666	1,284	717	65	49	49	57	42
White	1,695	827	490	336	34	20	16	22	20
Negro	2,030	816	781	376	31	28	33	35	35
Other	41	23	13	5	—	1	—	—	—
Murder	3,258	1,514	1,065	601	54	41	41	45	33
White ¹	1,615	804	458	316	32	20	15	19	18
Negro ¹	1,604	687	596	280	22	20	26	26	15
Other	39	23	11	5	—	1	—	—	—
Rape	442	125	199	102	10	7	8	8	8
White ²	43	10	19	13	2	—	1	—	1
Negro	397	115	178	89	8	7	7	8	7
Other	2	—	2	—	—	—	—	—	—
All other offenses ²	66	27	20	14	1	1	—	4	1
White ³	37	13	13	7	—	—	—	3	1
Negro	29	14	7	7	1	1	—	1	—

¹ White includes 18 females; Negro, 11 females.

² 23 armed robbery, 19 kidnaping, 11 burglary, 8 espionage (6 in 1942 and 2 in 1953), 5 aggravated assault.

³ Includes 2 females, both executed in 1953, 1 for kidnaping and 1 for espionage.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 29.

Executions

165

No. 217. PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY STATES, 1930 TO 1961,
AND METHOD OF EXECUTION, 1961

[Death penalty illegal in States not listed (Alaska, Hawaii, Maine, Mich., Minn., N. Dak., R.I., and Wis.) with certain exceptions in Mich., N. Dak., and R.I. under the provisions of which no executions have taken place. Method of execution: E—electrocution, G—lethal gas, H—hanging, and S—shooting or hanging]

STATE	All years	1930-39	1940-49	1950-59	1957	1958	1959	1960	1961	
									Number	Method of execution
Total	3,766	1,066	1,284	717	65	49	49	57	42	
Alabama	133	60	50	20	2	1	2	2	1	E
Arizona	36	17	9	8	1	2	1	1	1	G
Arkansas	117	53	38	18			6	8		E
California	279	108	80	74	9	6	6	9	8	G
Colorado	43	25	13	3	1			1	1	G
Connecticut	21	5	10	5			2			E
Delaware	12	8	4	(2)		(2)	(2)	(2)		H
Dist. of Col.	40	20	16	4	1					E
Florida	162	44	65	49	3	3	10	2	2	E
Georgia	361	187	130	85	14	6	4	6	3	E
Idaho	3			3	1					H
Illinois	88	61	18	9		1				
Indiana	41	31	7	2					1	E
Iowa	16	8	7	1						H
Kansas	10	(2)	5	5						H
Kentucky	102	52	34	16						E
Louisiana	133	58	47	27	7	3			1	E
Maryland	68	16	45	6	1		2		1	G
Massachusetts	27	18	9							E
Mississippi	160	48	60	30	2	3		1	5	G
Missouri	58	36	15	7	1					G
Montana	6	5	1							H
Nebraska	4		2	2				1		E
Nevada	29	8	10	9				1	1	G
New Hampshire	1									H
New Jersey	71	40	14	17						E
New Mexico	8	2	2	3						G
New York	327	153	114	52	4	4	4	6	2	E
North Carolina	263	131	112	19	1	2			1	G
Ohio	103	82	51	32	1	6	1	2	1	E
Oklahoma	57	34	18	7	2				3	E
Oregon	18	2	12	4						G
Pennsylvania	150	82	36	31			8		1	E
South Carolina	160	67	61	26	2			1	5	E
South Dakota	1	(4)	1							
Tennessee	93	47	37	8	2		1	1		E
Texas	279	120	74	74	5	6	8	8	3	E
Utah	13	2	4	6		1		1		S
Vermont	4	1	1	2						E
Virginia	91	28	35	23	2	3	2	1	4	E
Washington	46	23	16	6	1			1		H
West Virginia	40	20	11	9		2	1			G
Wyoming	6	4	2							

¹ Includes Federal executions not shown by State (1930-1939, 9; 1940-1949, 13; 1950-1959, 7; and 1957, 2).

² Death penalty illegal from Apr. 2, 1958 to Dec. 18, 1961.

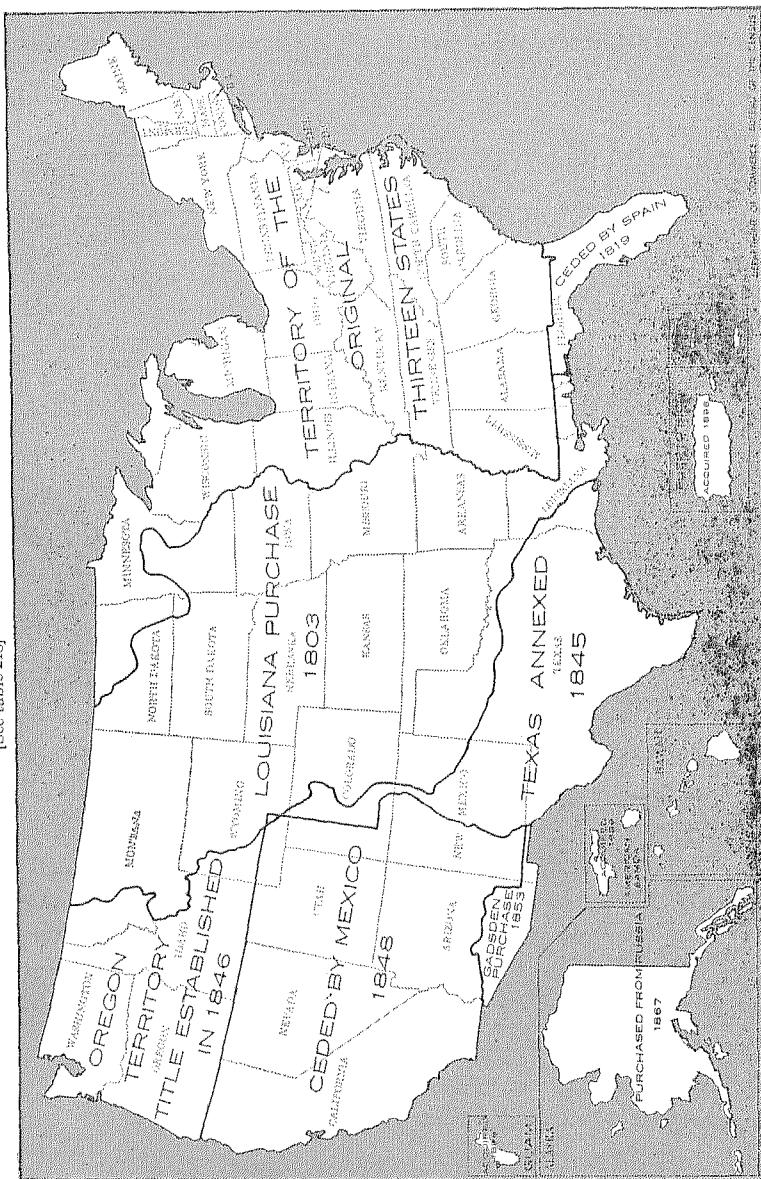
³ Death penalty illegal 1930-1934.

⁴ Death penalty illegal 1930-1938.

Source: Department of Justice, Bureau of Prisons: *National Prisoner Statistics*, bulletin No. 28.

FIG. XI. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER PRINCIPAL AREAS

[See table 218]



Source: Department of Commerce, Bureau of the Census.

Section 6

Area, Geography, and Climate

Statistics in this section relate to area, climatologic, topographic, and hydrologic measurements of the United States. There are few official publications other than those showing area measurements (issued infrequently by the Bureau of the Census), which present area and geography statistics of national scope. However, many data are compiled for particular regions or for internal administrative purposes by such Federal Government agencies as the Geological Survey, the Coast and Geodetic Survey, and the Weather Bureau.

Area.—Area measurements in the United States began with measurements for the country as a whole and developed, as mapping progressed, to measurements for the States.

The annual report of the U.S. General Land Office for 1850 contained the first reference to the areas of the several States and Territories, although there was no indication of the method used in obtaining these measurements. Until 1881, the General Land Office was practically the sole source of information concerning the areas of the States and Territories.

In 1881, the Bureau of the Census, as a part of the 1880 Census of Population, laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the method and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. In 1940, the same Bureau, in its publication, *Areas of the United States: 1940*, presented the first basic measurement of the United States since its work in 1880. The data presented in that study cover the total land and water areas of the States, counties, cities, and minor civil divisions. For the 1950 and 1960 Censuses no comprehensive remeasurement of all areas was made, but adjustments in selected area figures were made for three principal reasons: (1) Changes in boundaries, (2) the development of water reservoirs, or (3) the improvement in maps from which area measurements are made.

Geography.—The Geological Survey, cooperating in some instances with State and local agencies, is responsible for topographic and geologic maps and for basic data concerning the quantity, quality, and movement of surface and ground water.

The Bureau of Land Management conducts cadastral surveys.

The Coast and Geodetic Survey has responsibility for coastal and geodetic surveys and measurement of certain physical phenomena. Authorized in 1807, this agency's original function was to survey and chart the coast of the United States and the outlying islands and fishing banks. In 1871, Congress authorized an extension of the geodetic surveys from coast to coast to provide the States with reference markers for the control of their topographic and geologic mapping and their boundary surveys, and to provide data for use by the Geological Survey and other agencies. Since 1927, the Coast and Geodetic Survey has also been in charge of preparing aeronautical charts for the United States and its outlying areas.

A civil mapping activity of the Corps of Engineers, the U.S. Lake Survey, was established in 1841. Its primary function is to furnish Great Lakes navigators with reliable charts and information regarding harbor facilities. It also maintains records of the fluctuating levels of the lakes, the flow through connecting rivers, and the precipitation over the lakes, and reports on all hydraulic problems relating to the Great Lakes.

Climate.—The Weather Bureau is responsible for essentially all meteorologic data and collects, processes, and publishes climatologic data. It maintains about 11,000 weather stations, of which nearly 3,000 stations produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few records in existence for stations before 1871 although some earlier and less detailed records began in the 18th century.

Nearly all weather stations have been moved several times in their history. Consequently, the Weather Bureau has adopted the practice of using "normal" values of temperature and precipitation for comparative purposes rather than long-term means which are derived from records taken at the several different locations the stations may have had over the years.

Normal values of temperature and precipitation are based on records for the 30-year period 1931 to 1960, inclusive. Where a station had a record for the entire 30 years from the same instrument site, monthly precipitation normals are the mean of the monthly values for the 30 years. For such stations, the temperature normals were obtained in a similar manner, with normal maximum and normal minimum values used to obtain monthly normals. The annual normal temperature is obtained by dividing the sum of the annual normal maximum value and the annual normal minimum value for temperature by 2.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1931 to 1960, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjusting factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1931 to 1960) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated.

The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and are computed on the standard base 65° F. The degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65° F., there exist as many degree days as there are Fahrenheit degrees difference in the temperature between the average temperature for the day and 65° F."

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series J 1-2") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 218. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

(Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1960. See also *Historical Statistics, Colonial Times to 1957*, series J 1-2.)

ACCESSION	DATE	GROSS AREA (LAND AND WATER)	ACCESSION	DATE	GROSS AREA (LAND AND WATER)
Total (1960)		<i>Sq. mi.</i> 3,628,150	Other:		<i>Sq. mi.</i>
United States		3,615,211	The Philippines ³	1898	115,000
Territory in 1780 ¹		888,811	Puerto Rico	1898	3,435
Louisiana Purchase	1803	827,192	Guam	1899	213
By treaty with Spain:			American Samoa	1900	76
Florida	1819	58,560	Canal Zone ⁵	1904	553
Other areas	1819	13,443	Corn Islands ⁶	1914	4
Texas	1845	300,144	Virgin Islands of the U.S.	1917	133
Oregon	1846	285,580	Trust Territory of the Pacific Islands ⁷	1947	8,484
Mexican Cession	1848	529,017	All other ⁸		42
Gadsden Purchase	1853	28,640			
Alaska	1867	586,400			
Hawaii	1898	6,424			

¹ Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

² Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.

³ Acquired 1898; ratified 1899.

⁴ Acquired 1898; ratified 1900.

⁵ Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

⁶ Leased (1914) from Republic of Nicaragua for 99 years.

⁷ Under trusteeship. See table 4, footnote 16.

⁸ Comprises following islands with gross areas as indicated: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jervis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Sueña Bank, Roncador Cay, and Serrano Bank (each less than 0.5), and other islands specified in table 4, footnote 9, for which area figures are not available.

Source: Department of Commerce, Bureau of the Census; reports and records.

No. 219. COASTLINE OF THE UNITED STATES, BY STATES

[In miles]

STATE	General coastline	Tidal shoreline ²	STATE	General coastline ¹	Tidal shoreline ²
United States	12,383	88,633	Atlantic coast—Continued		
Atlantic coast	2,069	28,673	South Carolina	187	2,876
Connecticut		618	Virginia	112	3,315
Delaware	28	381	Gulf coast	1,631	17,141
Florida	850	3,331	Alabama	53	607
Georgia	100	2,344	Florida	770	5,095
Maine	228	3,478	Louisiana	397	7,721
Maryland	31	3,190	Mississippi	44	359
Massachusetts	102	1,519	Texas	867	3,359
New Hampshire	13	131	Pacific coast	7,623	40,298
New Jersey	130	1,792	Alaska	5,880	31,383
New York	127	1,850	California	840	3,427
North Carolina	301	3,375	Hawaii	750	1,052
Pennsylvania		89	Oregon	296	1,410
Rhode Island	40	384	Washington	157	3,026
			Arctic coast, Alaska	1,080	2,521

¹ Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point.

² Figures obtained in 1939-1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

Source: Department of Commerce, Coast and Geodetic Survey; *Coastline of the United States*, April 1, 1961.

No. 220. AREA, BY STATES AND FOR OTHER AREAS: 1960

[Area in square miles. See also table 4]

STATE OR OTHER AREA	Capital	Year of admission to Statehood	AREA		
			Total	Rank order	Land ¹
			3,615,211	3,548,974	66,237
United States					
New England					
Maine	Augusta	1820	66,608	63,126	3,482
New Hampshire	Concord	3 1788	33,215	31,012	2,203
Vermont	Montpelier	1791	9,304	9,014	280
Massachusetts	Boston	3 1788	9,609	9,276	333
Rhode Island	Providence	3 1790	8,257	7,867	390
Connecticut	Hartford	3 1788	1,214	1,058	156
Middle Atlantic					
New York	Albany	3 1788	5,009	4,899	110
New Jersey	Trenton	3 1787	102,745	100,467	2,278
Pennsylvania	Harrisburg	3 1787	49,576	47,939	1,037
East North Central					
Ohio	Columbus	1803	41,222	40,972	250
Indiana	Indianapolis	1816	36,291	36,185	106
Illinois	Springfield	1818	56,400	55,930	470
Michigan	Lansing	1837	58,216	57,019	1,197
Wisconsin	Madison	1848	56,154	54,705	1,449
West North Central					
Minnesota	St. Paul	1858	517,247	509,674	7,573
Iowa	Des Moines	1846	84,068	80,009	4,059
Missouri	Jefferson City	1821	56,290	56,032	258
North Dakota	Bismarck	1889	69,636	69,138	548
South Dakota	Pierre	1889	70,655	69,457	1,208
Nebraska	Lincoln	1867	77,047	76,378	669
Kansas	Topeka	1861	77,227	76,612	615
South Atlantic					
Delaware	Dover	3 1787	82,264	82,048	216
Maryland		3 1788	2,057	1,978	79
Dist. of Columbia			10,577	9,874	703
Virginia			69	61	8
West Virginia	Richmond	3 1788	40,815	39,838	977
North Carolina	Charleston	1863	24,181	24,070	102
South Carolina	Raleigh	3 1789	52,712	49,067	3,645
Georgia	Columbia	3 1788	31,055	30,272	783
Florida	Atlanta	3 1788	58,876	58,274	602
Tallahassee		1845	58,560	54,252	4,308
East South Central					
Kentucky	Frankfort	1792	181,964	179,908	2,056
Tennessee	Nashville	1796	40,305	39,863	532
Alabama	Montgomery	1819	42,244	41,762	482
Mississippi	Jackson	1817	51,609	51,060	549
West South Central					
Arkansas	Little Rock	1836	47,716	47,223	498
Louisiana	Baton Rouge	1812	48,885	429,332	9,553
Oklahoma	Oklahoma City	1907	69,910	68,887	1,032
Texas	Austin	1845	267,339	262,840	4,499
Mountain					
Montana	Helena	1880	863,887	856,951	6,936
Idaho	Boise	1890	147,138	145,736	1,402
Wyoming	Cheyenne	1890	88,557	82,708	849
Colorado	Denver	1876	97,914	97,411	503
New Mexico	Santa Fe	1912	104,247	103,884	363
Arizona	Phoenix	1912	121,666	121,510	156
Utah	Salt Lake City	1896	113,909	113,375	334
Nevada	Carson City	1864	84,916	82,330	2,577
Pacific					
Washington	Olympia	1880	110,540	109,788	752
Oregon	Salem	1869	916,690	897,010	19,650
California	Sacramento	1850	68,192	66,709	1,483
Alaska	Juneau	1959	96,081	96,248	733
Hawaii	Honolulu	1959	158,603	156,573	2,120
Puerto Rico	San Juan		553	571,065	15,335
American Samoa	Pago Pago		76	76	
Canal Zone ⁴				362	101
Guam	Agana		212	209	3
Trust Terr. of Pacific Islands ⁴			8,484	687	7,797
Virgin Islands of U.S.	Charlotte Amalie		133	132	1

¹ Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres of area.

² Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

³ Year of ratification of Constitution; one of the original 13 States.

⁴ See table 4, footnote 13.

⁵ See table 4, footnote 16.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Population: 1960, Vol. I*, reports and records.

No. 221. EXTREME POINTS OF THE UNITED STATES

[The geographic center of an area may be defined as that point on which the surface of the area would balance if it were a plane of uniform thickness or, in other words, the center of gravity of the surface. The exact position of the geographic center of the United States cannot be determined from the data available and the positions given here must be considered approximate only. They are believed to be sufficiently accurate for ordinary purposes.]

LOCATION	Direction from geographic center	COORDINATES		Distance from geographic center
		Latitude (N)	Longitude (W)	
From geographic center of United States (conterminous area) near Lebanon, Smith County, Kans., 39°50', 98°35' to—				Miles
Lake of the Woods, Minnesota	North	49°23'	95°09'	680
West Quoddy Head, Maine	Northeast	44°49'	66°57'	1,640
Cape Sable, Florida	Southeast	25°07'	81°05'	1,434
Cape Alava, Washington	Northwest	48°10'	124°44'	1,412
From geographic center of United States (excl. Hawaii) ² near Castle Rock, Butte County, S. Dak., 44°50', 103°38' to—				
Point Barrow, Alaska	Northwest	71°23'	156°29'	2,505
West Quoddy Head, Maine	East	44°49'	66°57'	1,779
Cape Sable, Florida	Southeast	25°07'	81°05'	1,800
Cape Wrangell, Attu Island, Alaska	Northwest	52°55'	172°27' (E)	3,623
From geographic center of the United States (incl. Alaska and Hawaii) ² west of Castle Rock, S. Dak., 44°58', 103°46' to—				
Point Barrow, Alaska	Northwest	71°23'	156°29'	2,502
West Quoddy Head, Maine	East	44°49'	66°57'	1,785
Ka Lae (South Cape), Hawaii Island, Hawaii	Southwest	18°56'	155°41'	3,456
Kure Island, Hawaii	Southwest	28°25'	178°22'	4,136

¹ Excludes adjacent islands.

² Excludes islands adjacent to the United States (conterminous area).

³ Excludes islands adjacent to the United States (conterminous area) but includes all islands of the Aleutian chain and Hawaii.

Note.—The following distances are computed to mean sea level: (a) from West Quoddy Head west along the parallel to the Pacific Ocean the distance is 2,807 miles; (b) from the south point of Texas due north to the 49th parallel the distance is 1,508 miles; (c) from West Quoddy Head, Maine, to Cape Wrangell, Alaska, the distance is 4,839 miles; (d) from West Quoddy Head, Maine, to Kure Island, Hawaii, the distance is 5,788 miles; (e) from Mangrove Point, Florida, to Cape Wrangell, Alaska, the distance is 5,496 miles; (f) the two points farthest apart are Kure Island, Hawaii, and Mangrove Point, Florida, a distance of 5,848 miles; (g) length of the northern boundary, excluding Alaska, is 3,987 miles; (h) length of the Mexican boundary from the Gulf of Mexico to the Pacific Ocean is approximately 2,013 miles; (i) length of the Canadian-Alaskan boundary from Arctic Ocean to Portland Canal is approximately 1,638 miles.

The Lake of the Woods projection extends to latitude 49°23' at longitude 95°09'. The extreme south point of Texas is in latitude 25°50', longitude 97°24'.

Source: Department of the Interior, Geological Survey; *Boundaries, Areas, Geographic Centers, and Altitude of the United States and the Several States* (bulletin 817), M10-18, and records.

No. 222. WATER AREA, OTHER THAN INLAND WATER, BY PRIMARY BODIES OF WATER, BY STATES

[In square miles. Includes only that portion of body of water under the jurisdiction of the U.S., excluding Alaska and Hawaii. Excludes inland waters (see footnote 2, table 220).]

BODY OF WATER	State	Area	BODY OF WATER	State	Area
Total		74,364	Gulf of Mexico coastal water		
Atlantic coastal water					
Florida		2,298	Alabama		3,837
Georgia		37	Florida		500
Maine		48	Louisiana		1,698
Massachusetts		1,102	Mississippi		1,016
Rhode Island		959	Texas		556
South Carolina		14			7
Chesapeake Bay		188	Lake Michigan		22,178
Maryland		3,237	Illinois		1,526
Virginia		1,726	Indiana		228
Delaware Bay		1,511	Michigan		13,037
Delaware		665	Wisconsin		7,387
New Jersey		350			92
Lake Erie		315	New York Harbor		60
Michigan		5,002	New Jersey		23
New York		216	New York		3,033
Ohio		594	California		843
Pennsylvania		3,457	Oregon		69
Straits of Georgia and Juan de Fuca		735	Washington		48
Washington		216	Washington		226
Lake Huron		1,610	Michigan		561
Michigan		8,975			116
Long Island Sound		1,299	Lake Superior		21,118
Connecticut		573	Michigan		16,231
New York		726	Minnesota		2,212
			Wisconsin		2,675

Source: Department of Commerce, Bureau of the Census; *Areas of the United States: 1940*.

No. 223. LENGTHS OF PRINCIPAL RIVERS

[Comprises rivers 400 miles or more in length. Length represents distance to designated outflow from (a) original headwater of named river where name applies to entire length of channel, or (b) upper limit of channel so-named, usually the junction of 2 tributaries or headwater streams]

RIVER	Outflow	Length (miles)	RIVER	Outflow	Length (miles)
Apalachicola-Chattahoochee.....	Gulf of Mexico.....	500	North Canadian.....	Canadian River.....	760
Arkansas.....	Mississippi River.....	1,450	North Platte.....	Platte River.....	618
Brazos.....	Gulf of Mexico.....	870	Ohio.....	Mississippi River.....	981
Canadian.....	Arkansas River.....	906	Ohio-Allegheny.....	Mississippi River.....	1,303
Cimarron.....	Arkansas River.....	600	Osage.....	Missouri River.....	500
Clark Fork-Pend Oreille.....	Columbia River.....	505	Ouachita.....	Red River.....	605
Colorado (U.S.-Mex.).....	Gulf of California.....	1,450	Pearl.....	Gulf of Mexico.....	490
Colorado (Texas).....	Matagorda Bay.....	840	Pecos.....	Rio Grande.....	735
Columbia.....	Pacific Ocean.....	1,214	Pee Dee-Yadkin.....	Winyah Bay.....	435
Columbia, Upper.....	To mouth of Snake River.....	800	Porcupine.....	Yukon River.....	450
Connecticut.....	Long Island Sound.....	407	Red (Okla.-Tex.-La.) Red River of the North.....	Mississippi River.....	1,018
Cumberland.....	Ohio River.....	687	Republican.....	Lake Winnipeg.....	545
Gila.....	Colorado River.....	630	Rio Grande.....	Kansas River.....	445
Green (Utah-Wyo.).....	Colorado River.....	730	St. Francis.....	Gulf of Mexico.....	1,885
James (N. Dak.-S. Dak.).....	Missouri River.....	710	Salmon (Idaho).....	Mississippi River.....	425
Koyukuk.....	Yukon River.....	500	Santee-Wateree-Catawba.....	Snake River.....	420
Kuskokwim.....	Kuskokwim Bay.....	550	Tanana.....	Atlantic Ocean.....	538
Little Missouri.....	Missouri River.....	560	Tennessee.....	Kansas River.....	540
Milk.....	Missouri River.....	625	Tennessee French Broad.....	Yukon River.....	800
Mississippi.....	Mouth of SW Pass.....	2,348	Tombigbee.....	Ohio River.....	652
Mississippi, Upper.....	To mouth of Missouri River.....	1,171	Tomboy.....	Ohio River.....	862
Mississippi-Missouri-Red Rock.....	Mouth of SW Pass.....	3,880	Wabash.....	Mobile River.....	409
Missouri.....	Mississippi River.....	2,466	Washtita.....	Ohio River.....	475
Missouri-Red Rock.....	Mississippi River.....	2,683	White (Ark.-Mo.).....	Red River.....	500
Mobile-Alabama-Coosa.....	Mobile Bay.....	639	Wisconsin.....	Mississippi River.....	690
Nechosha.....	Arkansas River.....	400	Yellowstone.....	Mississippi River.....	430
Niobrara.....	Missouri River.....	431	Yukon.....	Missouri River.....	671
				Bering Sea.....	1,800

Source: Department of the Interior, Geological Survey.

No. 224. AREAS OF SELECTED NATURAL LAKES

[In square miles. Comprises lakes with surface area of 100 square miles or more]

LAKE	State	Area	LAKE	State	Area
Bear.....	Idaho and Utah.....	110	Pend Oreille.....	Idaho.....	148
Becharof.....	Alaska.....	458	Pontchartrain.....	Louisiana.....	625
Calcasieu ¹	Louisiana.....	117	Rainy.....	Minnesota and Canada.....	345
Champlain.....	New York, Vermont, and Canada.....	490	Red Lake (Upper and Lower).....	Minnesota.....	451
Flathead.....	Montana.....	107	St. Clair.....	Michigan and Canada.....	460
Great Salt.....	Utah.....	2,100	Salton Sea ¹	California.....	2,350
Illamna.....	Alaska.....	1,000	Tahoe.....	California and Nevada.....	193
Lake of the Woods.....	Minnesota and Canada.....	1,485	Teshekpuk.....	Alaska.....	315
Leech.....	Minnesota.....	178	Ugashik.....	Alaska.....	147
Mille Lacs.....	Minnesota.....	207	Utah.....	Utah.....	140
Moosehead.....	Maine.....	117	Winnebago.....	Wisconsin.....	215
Naknek.....	Alaska.....	242	Yellowstone.....	Wyoming.....	137
Okeechobee.....	Florida.....	700			

¹ Salty. ² Variable.

Source: Department of the Interior, Geological Survey.

No. 225. EXTREME AND MEAN ALTITUDES IN THE UNITED STATES, BY STATES AND FOR OTHER AREAS

[In feet]

STATE OR OTHER AREA	HIGHEST POINT		LOWEST POINT		Approximate mean altitude
	Name	Altitude	Name	Altitude	
United States	Mount McKinley	20,320	Death Valley	-282	2,500
Alabama	Cheaha Mountain	2,407	Gulf of Mexico	(1)	500
Alaska	Mount McKinley	20,320	Pacific Ocean	(1)	1,900
Arizona	Humphreys Peak	12,670	Colorado River	100	4,100
Arkansas	Magazine Mountain	2,823	Osachita River	55	650
California	Mount Whitney	14,495	Death Valley	-282	2,900
Colorado	Mount Elbert	14,431	Arkansas River	3,360	6,800
Connecticut	Mt. Frissell, on South slope	2,380	Long Island Sound	(1)	500
Delaware	Bright Road	442	Atlantic Ocean	(1)	60
Dist. of Col.	Tenleytown	410	Potomac River	(1)	150
Florida	Sec. 30, T6N, R20W, Walton County	345	Atlantic Ocean	(1)	100
Georgia	Brassington Bald	4,784	Atlantic Ocean	(1)	600
Hawaii	Mauna Kea	13,796	Pacific Ocean	(1)	1,900
Idaho	Borah Peak	12,682	Snake River	720	5,000
Illinois	Charles Mound	1,241	Mississippi River	279	600
Indiana	Franklin Twp., Randolph County	1,263	Ohio River	320	700
Iowa	T100N, R44W, Osceola Co.	1,675	Mississippi River	480	1,100
Kansas	Mount Sunflower, Sec. 12, T11S, R43W, Wallace Co.	4,026	Verdigris River	700	2,000
Kentucky	Black Mountain	4,145	Mississippi River	267	750
Louisiana	Driskill Mountain	535	New Orleans	-5	100
Maine	Mount Katahdin	5,268	Atlantic Ocean	(1)	600
Maryland	Backbone Mountain, near Kempton, W. Va.	3,360	Atlantic Ocean	(1)	350
Massachusetts	Mount Greylock	3,491	Atlantic Ocean	(1)	500
Michigan	Sec. 2, T50N, R31W, Baraga County	1,980	Lake Erie	572	900
Minnesota	Misquah Hills	2,230	Lake Superior	602	1,200
Mississippi	Woodall Mountain, near Iuka	806	Gulf of Mexico	(1)	300
Missouri	Taum Sauk Mountain	1,772	St. Francis River	230	800
Montana	Granite Peak	12,799	Kootenai River	1,800	3,400
Nebraska	Johnson Twp., Kimball Co.	5,424	Southeast corner of State	840	2,600
Nevada	White Mountains, Boundary Peak	13,145	Colorado River	470	5,500
New Hampshire	Mount Washington	6,288	Atlantic Ocean	(1)	1,000
New Jersey	High Point	1,803	Atlantic Ocean	(1)	250
New Mexico	Wheeler Peak	13,160	Red Bluff Res.	2,817	5,700
New York	Mount Marcy	5,344	Atlantic Ocean	(1)	1,000
North Carolina	Mount Mitchell	6,684	Atlantic Ocean	(1)	700
North Dakota	White Butte	3,530	Red River	750	1,900
Ohio	Campbell Hill	1,550	Ohio River	433	850
Oklahoma	Black Mesa	4,978	Red River	300	1,300
Oregon	Mount Hood	11,245	Pacific Ocean	(1)	3,300
Pennsylvania	Negro Mountains (Mount Davis)	3,213	Delaware River	(1)	500
Rhode Island	Jerimoth Hill	812	Atlantic Ocean	(1)	200
South Carolina	Sassafras Mountain	3,580	Atlantic Ocean	(1)	350
South Dakota	Harney Peak	7,242	Big Stone Lake	962	2,200
Tennessee	Clingmans Dome	6,642	Mississippi River	182	900
Texas	Guadalupe Peak	8,761	Gulf of Mexico	(1)	1,700
Utah	Kings Peak	13,498	Beaverdam Creek	2,000	6,100
Vermont	Mount Mansfield	4,393	Lake Champlain	95	1,000
Virginia	Mount Rogers	5,720	Atlantic Ocean	(1)	950
Washington	Mount Rainier	14,410	Pacific Ocean	(1)	1,700
West Virginia	Spruce Knob	4,380	Potomac River	240	1,500
Wisconsin	Rib Mountain	1,941	Lake Michigan	581	1,050
Wyoming	Gannett Peak	13,785	Belle Fourche River	3,100	6,700
Puerto Rico	Cerro de Punta	4,380	Atlantic Ocean	(1)	2,200
American Samoa	Leata	3,056	Pacific Ocean	(1)	1,500
Canal Zone	Cerro Galera	1,205	Atlantic Ocean	(1)	100
Guam	Mount Lamlan	1,334	Pacific Ocean	(1)	650
Virgin Islands	Crown Mountain	1,556	Atlantic Ocean	(1)	750

¹ Sea level.

Source: Department of the Interior, Geological Survey.

No. 226. ALTITUDES OF NAMED MOUNTAIN PEAKS

[In feet. Comprises peaks 14,000 feet or over, above sea level]

SUMMIT	State	Rank	Altitude	SUMMIT	State	Rank	Altitude
Alverstone	Alaska	14	14,500	Massive	Colo.	18	14,418
Antero	Colo.	27	14,289	McKinley	Alaska	1	20,320
Augusta	Alaska	62	14,070	Middle Palisade	Calif.	72	14,040
Bear	Alaska	11	14,850	Muir	Colo.	64	14,067
Belford	Colo.	39	14,197	North Maroon Peak	Colo.	80	14,015
Bierstadt	Colo.	69	14,046	North Palisade	Colo.	86	14,000
Blackburn	Alaska	5	16,523	North Peak	Alaska	2	19,370
Blanca Peak	Colo.	22	14,317	Oxford	Colo.	48	14,183
Bona	Alaska	6	16,421	Pikes Peak	Colo.	55	14,110
Bross	Colo.	42	14,169	Point Success	Wash.	49	14,150
Brown Tower	Alaska	13	14,530	Princeton	Colo.	38	14,197
Cameron (Pk.)	Colo.	36	14,238	Pyramid (Pitkin County)	Colo.	84	14,000
Capitol Peak	Colo.	62	14,187	Quandary	Colo.	32	14,252
Castle (Gunnison-Pitkin Counties)	Colo.	30	14,259	Ranier	Wash.	19	14,410
Columbia	Colo.	61	14,071	Red Cloud	Colo.	67	14,050
Crastone	Colo.	24	14,201	Russell	Calif.	59	14,086
Crestone Needle (Guster-Saguacho Counties)	Colo.	41	14,191	St. Elias	Alaska	3	18,008
Culebra	Colo.	63	14,089	Sanford	Alaska	7	16,208
Democrat	Colo.	51	14,142	San Luis	Colo.	81	14,014
Elbert	Colo.	16	14,431	Shasta	Calif.	44	14,162
El Diente	Colo.	45	14,159	Shavano	Colo.	37	14,229
Eolus (Aeolus)	Colo.	58	14,086	Sherman	Colo.	73	14,037
Evans (Clear Creek County)	Colo.	29	14,260	Sill, Mount	Calif.	43	14,162
Fairweather	Alaska	9	15,300	Sneffels	Colo.	50	14,150
Foraker	Alaska	4	17,395	Snowmass	Colo.	60	14,077
Grays	Colo.	26	14,274	Split	Calif.	66	14,058
Grizzly	Colo.	85	14,000	Stewart	Colo.	74	14,032
Handies	Colo.	68	14,049	Sunlight	Colo.	65	14,060
Harvard	Colo.	17	14,420	Sunshine (Pk.)	Colo.	77	14,018
Hubbard	Alaska	10	14,950	Tabeguache	Colo.	47	14,155
Humbolt	Colo.	70	14,044	Torreys	Colo.	28	14,264
Hunter	Alaska	12	14,580	Tyndall	Calif.	76	14,018
Huron	Colo.	83	14,003	Uncompahgre	Colo.	23	14,301
Kit Carson	Colo.	56	14,100	Vancouver	Alaska	8	15,700
Langley	Calif.	75	14,028	Wetterhorn (Pk.)	Colo.	78	14,017
La Plata	Colo.	21	14,340	White	Calif.	34	14,246
Liberty Cap	Wash.	53	14,138	Whitney	Calif.	15	14,496
Lincoln	Colo.	25	14,284	Williamson	Calif.	20	14,375
Lindsay	Colo.	54	14,125	Wilson Mountain	Colo.	33	14,246
Little Bear Peak	Colo.	71	14,040	Wilson (Pk.) (San Miguel County)	Colo.	79	14,017
Longs	Colo.	31	14,255	Windom	Colo.	57	14,001
Maroon Peak	Colo.	46	14,158	Wrangell	Alaska	82	14,006
				Yale	Colo.	40	14,194

Source: Department of the Interior, Geological Survey.

No. 227. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1926 TO 1961

[Figures for tornadoes include Alaska and Hawaii]

PERIOD OR YEAR	TORNADOES			FLOODS		NORTH ATLANTIC TROPICAL CYCLONES AND HURRICANES ¹			
	Number	Lives lost		Number with property loss of \$1,000,000 and over	Lives lost	Property loss (mil. dol.)	Number reaching U.S. coast		
		Total	Most in a single tornado during period				Total	Lives lost in U.S.	
1926-30	866	1,229	92	15	557	500	11	8	2,108
1931-35	830	909	37	7	368	187	21	12	494
1936-40	787	916	216	12	607	879	21	8	663
1941-45	727	980	100	22	346	605	20	11	105
1946-50	602	813	169	22	306	843	22	12	79
1951-55	2,037	940	116	39	502	2,607	18	9	416
1956-60	8,168	446	44	240	228	877	20	7	507
1954	549	35	6	3	55	107	4	3	193
1955	503	125	80	4	302	995	5	3	218
1956	532	83	25	13	42	65	2	1	21
1957	864	191	44	19	82	360	5	1	395
1958	565	66	19	4	47	218	1	0	2
1959	589	58	21	4	25	141	7	3	24
1960	618	47	16	(3)	32	93	5	2	65
1961	682	51	16	(3)	(3)	(3)	2	2	46

¹ Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher. ² 1956-59 data. ³ Not available.Source: Department of Commerce, Weather Bureau; *Climatological Data*, annual national summary issues.

No. 228. ESTIMATED WATER USE: 1900 TO 1960, AND PROJECTIONS TO 1980

[In billions of gallons daily average. In preparing these projections, it was estimated that the population residing in the United States (conterminous area) would grow from 176.2 million in 1959 to 230.8 million in 1980, and that the Index of industrial production would rise from approximately 152 to 330 in the same period. See also *Historical Statistics, Colonial Times to 1967*, series J 91-102]

YEAR	TOTAL WATER USE		IRRIGATION ¹		PUBLIC WATER UTILITIES		SELF-SUPPLIED USES					
							Rural domestic ²		Industrial and miscellaneous ³		Steam electric utilities	
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground
1900	40.19	7.28	20.19	2.22	3.00	1.05	2.00	1.80	10.00	2.40	5.00	0.01
1910	66.44	11.08	39.04	5.27	4.70	1.49	2.20	1.76	14.00	3.15	6.50	0.01
1920	91.54	15.78	55.94	8.17	6.00	1.79	2.40	1.94	18.00	3.87	9.20	0.01
1930	110.50	18.18	60.20	9.08	8.00	2.30	2.90	2.40	21.00	4.37	18.40	0.02
1940	136.43	22.66	71.03	11.22	10.10	2.82	3.10	2.64	29.00	5.86	23.20	0.02
1945	170.46	28.33	83.06	14.12	12.00	3.28	3.20	2.78	41.00	8.12	31.20	0.03
1950	202.70	35.19	100.00	19.80	14.10	3.78	4.00	4.00	38.10	7.47	45.90	0.05
1955	263.80	47.79	116.30	29.08	16.30	4.27	5.40	4.91	49.20	9.45	76.00	0.08
1960	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	0.10
1965	371.70	66.30	148.10	40.14	25.00	6.28	6.50	6.14	73.20	13.62	118.90	0.12
1970	411.20	73.27	159.00	44.20	27.00	6.64	6.90	6.50	86.00	15.74	132.30	0.13
1975	449.70	79.37	169.70	47.52	29.80	7.15	7.20	6.85	98.40	17.71	144.60	0.14
1980	494.10	84.94	178.00	50.02	32.00	7.36	7.40	7.04	115.00	20.36	161.70	0.16

¹ Total take, including delivery losses but not including reservoir evaporation.

² Rural farm and nonfarm household and garden use, and water for farm stock and dairies.

³ Manufacturing industries, mineral industries, rural commercial, air conditioning, resorts, hotels, motels, military and other State and Federal, and other miscellaneous uses.

Source: Department of Commerce, Business and Defense Services Administration.

No. 229. INVENTORY OF PUBLIC WATER SUPPLIES FOR COMMUNITY WATER SYSTEMS: 1959

[Includes only systems serving a population of 25,000 or more. Estimated total number of public water systems in the United States (conterminous area) is 19,000 systems serving a population of approximately 126 million. An estimated 15.7 percent of water used by manufacturing industries is supplied by public water systems]

ITEM	Total	COMMUNITIES HAVING A POPULATION SERVED OF—				
		500,000 or more	250,000 to 499,999	100,000 to 249,999	50,000 to 99,999	25,000 to 49,999
Communities and districts—number	681	41	35	129	192	284
1959 Census population—1,000	67,222	32,934	6,331	11,692	8,788	7,479
Estimated population served—do	95,399	48,182	11,133	17,662	10,946	7,076
Ownership of public water supply—number	564	40	33	116	158	217
Municipal or district—public—do	406	34	24	93	131	184
Private—do	98	6	9	23	27	33
Average output of water ¹ —mil. gal. daily	13,632	7,241	1,427	2,888	1,441	1,185
Water used, maximum month ¹ —mil. gal.	563,003	296,618	58,780	101,746	59,655	46,224
Water used, maximum day ¹ —mil. gal. daily	22,333	11,382	2,370	4,184	2,464	1,933
Impounded storage—mil. gal.	5,973,909	2,401,312	594,788	1,400,280	369,843	1,207,776
Transmission capacity, maximum						
Dependable yield, ground water—mil. gal. daily	31,147	10,224	3,358	4,192	2,752	1,621
Raw water storage—mil. gal.	6,232	1,038	928	1,832	1,361	1,073
Raw water pumping capacity—mil. gal. daily	269,973	213,160	50,924	1,518	2,371	2,000
Distribution storage:						
Pumped to mains—mil. gal.	4,875	1,959	410	1,193	611	702
Elevated—do	65,406	56,675	1,507	3,654	2,028	1,542
Number of services ¹ —1,000	19,130	7,750	2,218	3,988	2,944	2,250
Number of meters ¹ —do	16,815	6,172	2,177	3,582	2,761	2,123

¹ Approximately 2 to 4 percent estimated.

Source: Department of Commerce, Business and Defense Services Administration.

No. 230. AIR POLLUTION—NATIONAL AIR SAMPLING LEVELS FOR SELECTED CITIES: 1960

[Values of samples taken nationally on a biweekly basis. The National Air Sampling Network obtains basic information from more than 250 stations on the nature and extent of air pollution throughout the country.]

STATION	SUSPENDED PARTICULATE MATTER (MICROGRAMS PER CUBIC METER) ¹			BENZENE SOLUBLE ORGANIC MATTER (MICROGRAMS PER CUBIC METER) ²			RADIOACTIVITY ³ (PICOCURIES ⁴ PER CUBIC METER)			
	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	
Alabama.....	Birmingham.....	38	400	146	3.6	57.0	14.2	(*)	0.4	0.1
Alaska.....	Anchorage.....	18	269	98	1.7	14.6	5.0	(*)	0.2	0.1
Arizona.....	Phoenix.....	68	573	247	3.8	55.7	21.0	(*)	0.4	0.2
Arkansas.....	Little Rock.....	29	147	72	0.8	25.8	6.8	(*)	0.3	0.1
California.....	Los Angeles.....	50	344	156	3.0	69.4	21.2	(*)	0.5	0.1
	Oakland.....	37	243	100	2.4	50.5	11.8	(*)	0.3	0.1
	San Diego.....	34	166	81	2.5	29.0	9.5	(*)	0.3	0.1
	San Francisco.....	32	183	70	2.5	28.4	7.8	(*)	0.3	0.1
Colorado.....	Denver.....	54	229	126	3.0	29.9	12.7	(*)	0.4	0.2
Connecticut.....	Hartford.....	53	241	114	3.8	44.0	11.8	(*)	0.3	0.1
	New Haven.....	42	248	88	3.0	27.6	9.3	(*)	0.3	0.1
Delaware.....	Wilmington.....	99	403	221	5.2	48.5	17.5	(*)	0.5	0.2
District of Col.....	Washington.....	76	242	135	4.5	48.6	17.3	(*)	0.3	0.2
Florida.....	Tampa.....	48	233	94	1.8	25.9	7.4	(*)	1.2	0.2
Georgia.....	Atlanta.....	46	236	112	3.5	25.2	11.4	(*)	0.4	0.2
Hawaii.....	Honolulu.....	29	70	47	1.9	8.6	4.1	(*)	0.3	0.1
Idaho.....	Boise.....	73	242	126	4.3	38.8	12.0	(*)	0.3	0.1
Illinois.....	Chicago.....	88	206	182	7.4	26.6	14.5	(*)	0.3	0.1
Indiana.....	Indianapolis.....	92	275	178	6.3	30.8	15.2	0.1	0.4	0.2
Iowa.....	Des Moines.....	61	320	183	2.0	39.4	12.1	(*)	0.4	0.2
Kansas.....	Wichita.....	22	174	102	2.7	17.3	7.5	(*)	0.5	0.2
Louisiana.....	New Orleans.....	62	117	87	3.9	18.7	9.2	(*)	0.3	0.1
Maine.....	Portland.....	50	147	82	3.1	15.0	7.0	(*)	0.2	0.1
Maryland.....	Baltimore.....	48	406	148	3.3	55.0	13.2	(*)	0.3	0.1
Massachusetts.....	Boston.....	55	252	141	4.0	35.8	12.8	(*)	0.3	0.1
Michigan.....	Detroit.....	59	256	146	2.7	27.3	11.0	(*)	0.3	0.1
Minnesota.....	Minneapolis.....	43	231	100	3.1	25.0	8.2	(*)	0.3	0.1
	St. Paul.....	62	155	102	4.8	27.4	9.4	(*)	0.3	0.1
Mississippi.....	Jackson.....	27	124	74	1.6	17.7	6.3	(*)	0.3	0.1
Missouri.....	Kansas City.....	70	343	142	5.6	21.2	10.1	(*)	0.3	0.2
	St. Louis.....	63	205	168	5.2	25.5	13.2	(*)	0.3	0.1
Montana.....	Helena.....	11	141	55	0.8	13.6	2.8	(*)	0.3	0.1
Nebraska.....	Omaha.....	39	198	107	3.4	17.0	7.9	(*)	0.4	0.1
Nevada.....	Las Vegas.....	50	389	145	2.6	21.2	8.0	(*)	0.5	0.2
New Hampshire.....	Manchester.....	32	156	86	2.3	27.1	7.6	(*)	0.3	0.1
New Jersey.....	Newark.....	42	232	113	4.5	23.6	10.9	(*)	0.2	0.1
New Mexico.....	Albuquerque.....	61	646	244	5.6	32.3	13.4	0.1	0.5	0.2
New York.....	Buffalo.....	41	283	105	1.8	13.9	5.6	(*)	(*)	(*)
	New York.....	79	270	162	7.3	31.2	13.7	(*)	0.3	0.1
	Rochester.....	72	273	152	4.2	46.1	10.1	(*)	0.3	0.1
North Carolina.....	Charlotte.....	62	284	124	4.2	31.6	13.4	(*)	0.4	0.2
North Dakota.....	Bismarck.....	24	187	103	0.8	8.4	3.9	(*)	0.4	0.1
Ohio.....	Cincinnati.....	63	316	145	5.2	22.4	9.4	(*)	0.3	0.1
	Cleveland.....	86	336	174	2.0	31.8	12.5	(*)	0.3	0.1
	Columbus.....	74	190	119	4.8	18.9	8.9	(*)	0.4	0.1
Oklahoma.....	Oklahoma City.....	42	173	84	2.8	15.3	7.2	(*)	0.3	0.2
Oregon.....	Portland.....	21	185	70	1.5	20.0	6.8	(*)	0.2	0.1
Pennsylvania.....	Philadelphia.....	70	342	160	4.8	28.7	11.9	(*)	0.2	0.1
	Pittsburgh.....	43	475	166	4.1	36.1	11.3	(*)	0.2	0.1
Rhode Island.....	Providence.....	56	223	119	4.1	27.0	11.4	(*)	0.3	0.1
South Carolina.....	Columbia.....	55	274	112	6.9	64.6	13.6	0.1	0.4	0.2
South Dakota.....	Sioux Falls.....	25	358	108	1.7	27.2	5.9	(*)	0.5	0.1
Tennessee.....	Memphis.....	46	201	102	4.8	34.0	8.5	(*)	0.4	0.1
	Nashville.....	45	310	130	4.4	59.3	15.1	(*)	0.4	0.2
Texas.....	Dallas.....	22	230	96	1.7	22.4	9.3	(*)	0.4	0.1
	Houston.....	26	385	117	1.6	25.1	8.4	(*)	0.5	0.1
	San Antonio.....	50	296	124	3.8	29.7	8.4	(*)	0.4	0.1
Utah.....	Salt Lake City.....	47	300	121	5.0	32.0	12.1	(*)	0.6	0.2
Vermont.....	Burlington.....	25	106	56	0.9	8.2	3.5	(*)	0.3	0.1
Virginia.....	Norfolk.....	39	242	89	2.3	43.0	9.1	(*)	0.2	0.1
	Washington.....	32	141	69	1.8	16.5	5.8	(*)	(*)	(*)
West Virginia.....	Charleston.....	55	958	225	3.4	41.3	9.7	(*)	0.5	0.2
Wisconsin.....	Milwaukee.....	49	299	160	4.5	21.1	10.2	(*)	0.4	0.1
Wyoming.....	Cheyenne.....	13	82	89	0.8	6.7	3.2	(*)	0.4	0.1
Puerto Rico.....	San Juan.....	53	179	80	1.6	16.8	6.8	(*)	720.3	71.3

¹ Particles removed by passing the air through a highly efficient filter.

² That portion of the suspended particulate matter which is soluble in hot benzene.

³ Radioactivity associated with suspended particles in the air as measured by Beta radiation.

⁴ Picocuries per cubic meter of air (one picocurie=one micromicrocurie).

⁵ Less than 0.1 picocurie per cubic meter.

⁶ Not available.

⁷ High value associated with atomic testing in Sahara Desert.

No. 231. GROUND ELEVATION OF WEATHER STATIONS AND MEAN AND LATEST DATE IN SPRING, AND MEAN AND EARLIEST DATE IN FALL, OF OCCURRENCE OF FREEZE (32°), FOR SELECTED CITIES

[Date of freeze based on 30-year period, 1921 to 1950]

STATION	Ground elevation (feet)	OCCURRENCE OF FREEZE			
		Spring date		Fall date	
		Mean	Latest	Mean	Earliest
Alabama.....	Mobile.....	10	Feb. 20	Mar. 20	Dec. 5 Nov. 15
Alaska.....	Juneau.....	15	Apr. 27	June 8 Oct. 19	Sept. 22
Arizona.....	Phoenix.....	1,083	Jan. 30	Mar. 2 Dec. 5	Nov. 4
Arkansas.....	Little Rock.....	267	Mar. 16	Apr. 13 Nov. 15	Oct. 23
California.....	Los Angeles.....	312	Jan. 17	Jan. 21	None
	Sacramento.....	25	Jan. 28	Mar. 14 Dec. 5	Nov. 4
	San Francisco.....	52	Jan. 17	Jan. 21 Dec. 12	Dec. 11
Colorado.....	Denver.....	5,221	May 2	Mar. 28 Oct. 14	Sept. 19
Connecticut.....	Hartford.....	169	Apr. 22	May 10 Oct. 19	Sept. 27
Delaware.....	Wilmington.....	73	Apr. 18	May 9 Oct. 26	Sept. 27
Dist. of Col.....	Washington.....	72	Apr. 10	May 12 Oct. 28	Oct. 2
Florida.....	Jacksonville.....	18	Feb. 15	May 14 Nov. 30	Nov. 9
	Miami.....	8			
Georgia.....	Atlanta.....	1,054	Mar. 20	Apr. 15 Nov. 19	Oct. 24
Hawaii.....	Honolulu.....	12			
Idaho.....	Boise.....	2,842	Apr. 29	May 23 Oct. 16	Sept. 20
	Chicago.....	610	Apr. 19	May 13 Oct. 28	Sept. 25
	Pearl.....	654	Apr. 22	May 25 Oct. 16	Sept. 29
Indiana.....	Indianapolis.....	718	Apr. 17	May 11 Oct. 27	Oct. 1
Iowa.....	Des Moines.....	807	Apr. 20	May 11 Oct. 19	Sept. 28
Kansas.....	Wichita.....	1,321	Apr. 5	Apr. 21 Nov. 1	Sept. 27
Kentucky.....	Louisville.....	457	Apr. 1	Apr. 19 Nov. 7	Oct. 15
Louisiana.....	New Orleans.....	9	Feb. 15	Mar. 20 Dec. 3	Nov. 13
Maine.....	Portland.....	61	Apr. 29	May 30 Oct. 15	Sept. 17
Maryland.....	Baltimore.....	146	Mar. 28	Apr. 16 Nov. 17	Oct. 20
Massachusetts.....	Boston.....	15	Apr. 16	May 19 Oct. 25	Sept. 26
Michigan.....	Detroit.....	619	Apr. 25	May 12 Oct. 23	Sept. 29
	Sault Ste. Marie.....	721	May 18	June 8 Oct. 3	Aug. 22
Minnesota.....	Duluth.....	1,162	May 13	June 1 Oct. 3	Sept. 13
	Minneapolis.....	830	Apr. 30	May 24 Oct. 13	Sept. 18
Mississippi.....	Jackson.....	305	Mar. 10	Apr. 13 Nov. 13	Oct. 17
Missouri.....	Kansas City.....	741	Apr. 5	Apr. 17 Oct. 31	Oct. 6
	St. Louis.....	465	Apr. 2	May 2 Nov. 8	Oct. 14
Montana.....	Great Falls.....	3,064	May 14	June 8 Sept. 26	Sept. 7
Nebraska.....	Omaha.....	978	Apr. 14		Oct. 19
Nevada.....	Reno.....	4,307	May 14	June 25 Oct. 2	Aug. 30
New Hampshire.....	Concord.....	339	May 11	May 26 Sept. 30	Sept. 13
New Jersey.....	Atlantic City.....	8	Apr. 10		Nov. 5
New Mexico.....	Albuquerque.....	5,310	Apr. 16	May 18 Oct. 29	Oct. 11
New York.....	Albany.....	19	Apr. 27	May 20 Oct. 13	Sept. 23
	Buffalo.....	693	Apr. 30	May 24 Oct. 25	Sept. 23
	New York.....	10	Apr. 7	Apr. 24 Nov. 12	Oct. 19
North Carolina.....	Charlotte.....	727	Mar. 21	Apr. 16 Nov. 15	Oct. 15
North Dakota.....	Bismarck.....	400	Mar. 24	Apr. 20 Nov. 16	Oct. 29
		1,650	May 11	May 30 Sept. 24	Sept. 6
Ohio.....	Cincinnati.....	761	Apr. 15	May 25 Oct. 25	Sept. 28
	Cleveland.....	787	Apr. 21	May 14 Nov. 2	Sept. 29
	Columbus.....	815	Apr. 17	May 9 Oct. 30	Oct. 7
Oklahoma.....	Oklahoma City.....	1,254	Mar. 28	Apr. 17 Nov. 7	Oct. 23
Oregon.....	Portland.....	30	Feb. 28	May 4 Nov. 26	Oct. 30
Pennsylvania.....	Philadelphia.....	26	Mar. 30	Apr. 20 Nov. 17	Oct. 19
	Pittsburgh.....	749	Apr. 16	May 4 Nov. 3	Oct. 10
Rhode Island.....	Providence.....	55	Apr. 13	Apr. 24 Oct. 27	Oct. 3
South Carolina.....	Columbia.....	217	Mar. 14	Apr. 13 Nov. 21	Nov. 1
South Dakota.....	Sioux Falls.....	1,420	May 5	May 29 Oct. 3	Sept. 12
Tennessee.....	Memphis.....	263	Mar. 20	Apr. 15 Nov. 12	Oct. 17
	Nashville.....	577	Mar. 28	Apr. 19 Nov. 7	Oct. 17
Texas.....	Dallas.....	487			
	El Paso.....	3,920			
	Houston.....	41	Feb. 5	Mar. 26 Dec. 11	Oct. 25
Utah.....	Salt Lake City.....	4,260	Apr. 12	Apr. 30 Nov. 1	Sept. 25
Vermont.....	Burlington.....	331	May 8	May 23 Oct. 3	Sept. 13
Virginia.....	Norfolk.....	26	Mar. 18	Apr. 14 Nov. 27	Nov. 7
	Richmond.....	162	Apr. 2	Apr. 20 Nov. 8	Oct. 21
Washington.....	Seattle.....	14	Feb. 23	Apr. 3 Nov. 26	Oct. 19
	Spokane.....	2,857	Apr. 20	May 16 Oct. 12	Sept. 18
West Virginia.....	Charleston.....	950	Apr. 18	May 11 Oct. 28	Sept. 29
Wisconsin.....	Milwaukee.....	672	Apr. 20	May 9 Oct. 25	Sept. 24
Wyoming.....	Cheyenne.....	6,131	May 20	June 18 Sept. 27	Sept. 5
Puerto Rico.....	San Juan.....	47			

Source: Department of Commerce, Weather Bureau; records.

No. 232. NORMAL MONTHLY AVERAGE TEMPERATURE, FOR SELECTED CITIES

In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960). See also *Historical Statistics, Colonial Times to 1957*, series J 109-135 and J 163-265, for related data.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.---Mobile	52.5	54.7	59.3	66.6	74.1	80.0	81.0	81.1	77.4	68.9	57.9	53.1	67.2
Alaska---Juneau	25.1	26.8	30.4	38.0	45.6	52.3	55.3	54.1	48.9	41.6	34.3	28.4	40.1
Ariz.---Phoenix	50.7	56.5	60.5	68.7	77.0	85.6	91.3	89.0	84.3	72.2	59.1	52.6	70.5
Ark.---Little Rock	46.0	44.4	51.8	62.4	70.5	78.9	81.9	81.3	74.3	63.1	49.5	41.9	61.7
Calif.---Los Angeles ¹	55.8	57.1	59.4	61.8	64.8	68.0	73.0	73.1	71.9	67.4	62.7	58.2	64.4
Sacramento ¹	46.8	51.0	55.2	60.3	65.7	71.5	76.0	74.8	72.9	64.7	54.7	47.8	61.8
Colo.---Denver	30.0	32.6	37.9	47.4	56.7	67.0	73.4	72.0	63.5	52.4	39.2	33.1	50.4
Conn.---Hartford	26.6	27.8	35.7	47.7	58.8	67.6	72.2	70.2	62.3	52.3	41.2	29.5	49.3
Del.---Wilmington	33.4	33.8	41.3	52.1	62.7	71.4	76.0	74.3	67.6	56.6	45.4	35.1	54.1
D.C.---Washington	36.9	37.8	44.8	55.7	65.8	74.2	78.2	76.5	69.7	59.0	47.7	38.1	57.0
Fla.---Jacksonville	55.0	57.5	62.2	68.7	75.8	80.8	82.6	82.3	79.4	71.0	61.7	56.1	69.5
Miami	66.9	67.9	70.5	74.2	77.6	80.8	81.8	82.3	81.3	77.8	72.4	68.1	75.1
Ga.---Atlanta	44.8	46.5	51.9	61.0	69.6	76.8	78.8	78.4	73.1	62.7	51.1	44.1	61.6
Hawaii---Honolulu	72.5	72.4	72.8	74.2	75.9	77.9	78.8	79.4	79.2	78.2	75.0	73.6	75.9
Idaho---Boise	28.6	34.0	41.2	49.9	57.7	64.8	74.7	72.1	63.2	52.6	39.1	32.2	50.8
Ill.---Chicago	26.1	27.0	36.3	49.1	60.1	70.7	75.7	74.4	66.4	55.4	40.0	29.2	50.9
Peoria	25.7	28.4	37.6	50.8	61.5	71.7	76.0	74.3	66.4	55.3	39.7	29.1	51.4
Ind.---Indianapolis	29.1	31.1	38.9	50.8	61.4	71.1	75.2	73.7	66.5	55.4	40.9	31.1	52.1
Iowa---Des Moines	21.8	24.9	35.0	49.9	61.8	71.9	77.0	74.5	65.9	54.7	37.9	26.5	50.1
Kans.---Wichita	32.0	36.3	44.5	56.7	66.0	76.5	80.9	80.8	71.3	59.9	44.4	35.8	57.1
Ky.---Louisville	34.5	35.8	43.3	54.8	64.4	73.4	77.1	75.7	69.0	59.4	44.2	35.8	55.5
La.---New Orleans ¹	56.0	58.2	62.8	69.7	76.7	82.3	83.4	83.5	80.2	72.6	62.0	57.1	70.4
Maine---Portland	21.8	22.8	31.4	42.5	53.0	62.1	68.1	66.8	58.7	48.6	38.1	25.8	45.0
Md.---Baltimore ¹	37.3	37.8	44.7	55.7	66.1	74.7	79.1	77.3	70.6	60.0	48.8	39.0	57.6
Mass.---Boston	29.9	30.3	37.7	47.9	53.8	67.8	73.7	71.7	65.3	55.0	44.9	33.3	51.4
Mich.---Detroit	26.9	27.2	34.8	47.1	58.5	69.2	73.9	72.3	63.6	53.5	40.4	29.9	49.9
Sault Ste. Marie	15.3	15.2	23.3	37.6	49.1	58.5	64.1	63.5	55.3	45.3	32.3	20.4	40.0
Minn.---Duluth	8.7	11.3	21.8	37.5	49.7	59.3	66.0	64.3	54.7	44.1	26.8	14.0	38.2
Minneapolis	12.2	15.9	27.6	44.7	57.6	67.8	73.0	70.5	60.5	48.3	30.5	17.8	43.8
St. Paul	12.2	15.9	27.6	44.7	57.6	72.5	79.4	81.6	73.6	66.5	54.9	49.0	65.1
Miss.---Jackson	48.0	50.7	56.4	64.4	72.5	80.4	81.6	81.3	76.0	69.0	54.8	43.8	60.1
Mo.---Kansas City	30.7	34.8	42.8	55.2	65.1	75.4	81.0	79.3	70.8	59.7	44.1	34.8	56.1
St. Louis	31.9	35.2	43.1	55.4	66.7	75.6	79.6	77.3	70.0	58.9	44.1	37.0	56.3
Mont.---Great Falls	22.6	24.3	31.2	44.1	64.0	60.4	69.9	67.4	57.9	48.5	35.3	26.3	45.3
Nebr.---Omaha	22.3	26.5	36.9	51.7	63.0	73.1	78.5	76.2	66.9	55.7	38.9	28.2	51.5
Nev.---Reno	31.9	36.1	39.9	47.1	54.1	61.1	69.0	66.9	60.2	49.8	38.7	32.8	48.8
N.H.---Concord	21.2	22.7	31.7	43.8	55.5	64.5	69.6	67.4	59.3	48.7	37.6	25.0	45.6
N.J.---Atlantic City	34.8	34.7	41.1	51.0	61.3	70.0	75.1	73.7	67.2	57.2	46.7	36.6	54.1
N. Mex.---Albuquerque	35.0	39.9	46.3	55.7	65.1	74.9	78.5	76.7	70.5	58.5	44.1	37.0	56.9
N.Y.---Albany	22.7	23.7	33.0	46.2	57.9	67.3	72.1	70.0	61.6	50.8	39.1	20.5	47.0
Buffalo	23.5	23.1	30.5	43.0	54.3	64.8	69.8	68.4	61.4	50.8	38.6	27.2	46.3
New York ¹	32.2	33.4	40.5	51.4	62.4	71.4	76.8	75.1	68.5	58.3	47.0	36.2	54.5
N.C.---Charlotte	43.4	44.7	50.5	60.3	69.0	76.6	78.7	77.7	72.4	62.0	50.9	43.2	60.8
R.N.Dak.---Raleigh	41.6	45.0	40.5	59.3	67.6	75.1	77.9	76.9	71.2	60.5	50.0	41.9	59.5
Bismarck	8.9	12.5	25.2	43.0	55.4	64.5	72.2	69.8	58.7	46.2	28.4	16.8	41.8
Ohio---Cincinnati ¹	33.7	35.1	42.7	54.2	64.2	73.4	76.9	75.7	69.0	57.9	44.6	35.3	55.2
Cleveland	27.6	28.1	35.4	46.6	57.5	67.2	71.0	69.4	62.4	51.8	39.4	29.4	48.8
Columbus	30.9	32.1	39.9	51.3	62.0	71.3	74.8	73.2	66.4	55.2	42.2	32.5	52.7
Oklahoma City	36.5	40.8	48.0	58.9	67.4	76.5	81.0	81.3	73.3	62.4	47.9	39.8	59.5
Oreg.---Portland ¹	40.2	43.8	47.7	53.5	60.1	63.4	68.6	68.1	64.5	56.5	47.2	43.1	54.6
Pa.---Philadelphia	32.3	34.2	41.9	52.5	63.4	72.0	76.7	74.7	67.7	57.3	46.0	35.6	54.6
Pittsburgh	28.9	29.2	36.8	49.0	59.8	68.4	72.1	70.8	64.2	53.1	40.8	30.7	50.3
R.I.---Providence	29.2	29.7	37.0	47.2	57.5	66.2	72.1	70.5	63.2	53.2	43.0	32.0	50.1
S.C.---Columbia	46.9	48.4	54.4	63.6	72.2	79.7	81.6	80.5	75.3	64.7	53.7	46.4	64.0
S. Dak.---Sioux Falls	15.2	19.1	30.1	45.9	58.3	68.1	74.3	71.8	61.8	50.3	32.6	21.1	45.7
Tenn.---Memphis	42.0	44.6	51.6	61.9	70.8	79.0	81.8	81.0	74.4	63.6	50.6	43.5	62.1
Nashville	39.9	42.0	49.1	56.6	68.6	77.4	80.2	70.2	72.8	61.5	48.5	41.4	60.0
Tex.---Dallas	45.0	49.5	56.1	65.0	72.9	81.3	84.9	85.0	77.9	67.8	54.9	48.1	65.8
El Paso	43.9	49.6	54.9	63.4	71.9	80.5	81.4	79.9	75.0	65.4	52.2	45.1	63.6
Houston ¹	54.6	57.1	62.4	69.3	76.2	82.2	88.9	84.1	79.8	72.4	61.6	56.5	70.0
Utah---Salt Lake City	28.2	30.9	40.4	49.9	58.4	66.0	76.4	74.5	64.9	52.7	38.2	31.6	51.3
Vt.---Burlington	18.2	19.4	29.2	43.2	55.8	65.7	70.5	68.2	59.0	48.6	36.8	23.0	44.9
Va.---Norfolk	41.2	41.8	48.0	58.0	67.5	75.6	78.8	77.5	72.6	62.0	51.4	42.5	59.7
Richmond	38.7	39.9	46.7	57.1	66.5	74.6	78.1	76.5	70.2	59.2	48.5	39.7	58.0
Seattle ¹	41.2	43.6	48.4	51.8	57.4	61.4	65.6	65.0	61.2	54.4	46.9	43.8	53.2
Spokane	26.3	30.0	38.1	47.3	56.7	61.4	60.5	67.5	60.0	48.6	35.2	29.6	47.3
W. Va.---Charleston	36.6	37.5	44.4	55.3	64.3	71.5	74.4	73.8	67.7	57.3	45.8	37.6	55.6
Wis.---Milwaukee	20.6	22.1	31.0	43.6	53.4	63.3	68.7	67.8	60.3	50.0	35.8	24.6	45.1
Wyo.---Cheyenne	25.9	27.8	31.9	41.6	51.4	61.5	69.0	67.2	58.1	47.5	34.7	30.0	45.6
P.R.---San Juan ¹	75.1	75.1	76.0	77.0	78.8	70.9	80.1	80.8	80.7	80.2	78.6	76.7	78.3

¹ City office data.² Abbe Observatory data.

Source: Department of Commerce, Weather Bureau; records.

No. 233. NORMAL MONTHLY MAXIMUM TEMPERATURE, FOR SELECTED CITIES

In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960).¹

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala. Mobile	62.3	64.7	69.3	76.5	83.0	89.4	89.8	90.2	86.4	79.3	68.6	62.9	76.9
Alaska Juneau	30.1	32.1	36.5	45.4	53.6	60.8	62.7	61.5	55.2	46.5	39.2	32.7	46.4
Ariz. Phoenix	64.0	68.1	75.0	83.0	92.9	101.6	104.6	101.6	98.2	86.7	73.7	66.1	84.7
Ark. Little Rock	50.6	54.6	62.7	73.5	81.5	89.7	92.7	92.4	88.3	76.0	61.3	52.1	72.8
Calif. Los Angeles ¹	65.0	66.0	68.6	70.6	73.5	77.1	83.3	83.3	82.4	77.3	73.3	67.5	74.0
Sacramento ¹	63.4	58.7	64.6	71.3	79.7	85.5	92.0	90.6	87.7	76.5	64.2	54.3	73.1
San Francisco ¹	55.8	58.6	60.7	61.9	63.4	65.0	64.3	64.0	68.0	68.3	63.7	57.5	62.8
Colo. Denver	43.1	45.6	50.9	60.5	69.5	81.0	87.4	85.8	78.0	66.6	52.7	48.2	63.9
Conn. Hartford	35.6	37.0	44.9	58.7	70.8	79.1	83.4	81.0	73.2	63.8	50.7	38.4	59.7
Del. Wilmington	41.3	42.4	50.5	62.5	73.4	81.8	86.2	84.2	77.0	67.3	55.1	43.5	63.8
D.C. Washington	44.3	46.1	53.8	65.8	75.5	83.4	87.0	85.0	78.6	68.3	55.5	45.6	55.3
Fla. Jacksonville	66.8	68.5	73.3	79.6	86.4	90.5	92.0	91.4	87.6	80.2	72.2	66.7	79.6
Miami	75.8	77.0	79.8	82.6	85.4	88.0	88.8	89.7	88.0	84.7	80.2	77.1	83.1
Ga. Atlanta	54.0	55.5	62.9	72.1	80.5	87.3	88.4	88.3	83.1	73.6	62.0	53.3	71.8
Hawaii Honolulu	79.1	78.9	79.2	80.2	81.8	83.8	84.6	84.0	85.2	84.2	82.0	79.2	81.9
Idaho Boise	38.1	42.4	51.5	62.8	70.9	78.5	90.4	87.7	77.8	65.3	48.4	39.4	62.6
Ill. Chicago	33.2	35.3	44.0	56.8	70.5	81.0	85.6	84.2	76.6	65.0	47.9	36.0	59.8
Pecoria	53.7	36.6	46.7	61.2	72.3	82.3	87.0	85.1	77.8	66.5	48.8	36.8	61.2
Ind. Indianapolis	37.1	30.4	48.1	61.2	72.0	81.8	86.0	84.7	78.0	66.8	50.0	39.0	62.0
Iowa Des Moines	30.1	33.0	44.1	60.6	72.8	82.6	88.8	85.4	77.8	66.4	47.5	34.9	60.4
Kans. Wichita	41.6	47.0	55.9	68.2	77.1	87.7	92.4	92.8	83.7	71.7	56.1	44.9	68.2
Ky. Louisville	43.5	45.6	53.8	64.6	76.2	85.0	88.5	87.3	81.3	69.8	54.4	44.7	66.4
La. New Orleans ¹	63.8	66.2	71.0	77.7	84.5	89.8	90.6	90.6	86.9	80.0	69.8	64.7	78.0
Maine Portland	31.8	33.5	40.7	52.5	64.2	73.1	79.5	74.8	70.2	59.8	47.6	35.3	55.6
Md. Baltimore ¹	44.1	45.3	52.9	64.7	75.1	83.4	87.4	85.3	78.8	68.4	56.4	45.7	65.6
Mass. Boston	36.8	37.4	44.6	55.7	67.5	76.3	81.0	80.0	70.4	62.7	51.0	40.1	59.9
Mich. Detroit	33.0	33.9	42.3	50.4	68.6	79.1	83.9	81.9	74.2	62.8	47.1	35.7	58.2
Minn. Sault Ste. Marie	23.1	24.0	31.7	46.4	58.9	69.0	75.6	74.0	64.4	53.5	38.6	27.3	49.0
Minn. Duluth	17.9	21.4	31.1	47.1	60.6	70.3	77.1	74.6	64.7	53.5	34.1	22.3	47.9
Minneapolis-St. Paul	22.2	26.3	37.4	50.0	69.6	78.7	84.7	81.8	72.1	59.8	38.7	27.0	54.6
Miss. Jackson	58.3	61.5	67.9	75.8	83.8	90.3	91.9	92.0	87.7	79.1	67.1	59.7	76.3
Mo. Kansas City	38.9	43.8	52.6	65.6	75.1	85.2	90.9	89.8	81.7	70.6	53.5	42.7	65.8
Mo. St. Louis	40.2	44.0	52.8	65.9	76.1	86.1	90.9	88.3	81.3	70.1	53.7	43.0	66.0
Mont. Great Falls	31.6	34.0	41.1	55.2	65.7	71.9	83.7	80.8	70.2	59.3	44.2	36.8	56.2
Nebr. Omaha	31.7	36.0	46.4	62.4	73.9	83.8	88.7	86.9	78.5	67.5	48.0	37.2	61.9
Nev. Reno	46.6	50.8	55.3	63.0	71.4	80.3	84.0	88.9	81.4	88.7	55.2	46.5	66.2
N.H. Concord	31.7	33.5	41.7	55.9	69.3	77.7	82.8	80.6	72.4	61.7	47.9	35.1	57.5
N.J. Atlantic City	42.9	43.8	49.7	60.3	71.0	79.2	83.8	82.2	76.0	66.5	55.5	45.1	63.0
N. Mex. Albuquerque	46.4	52.2	69.8	70.1	79.3	89.6	92.2	90.0	83.3	71.7	57.1	48.3	70.0
N.Y. Albany	31.0	32.5	41.9	56.7	69.5	78.7	83.7	81.4	72.9	61.8	47.5	34.5	57.7
N.Y. Buffalo	29.8	30.0	37.6	51.9	64.5	75.1	80.1	78.6	71.5	60.1	46.5	33.9	54.8
N.C. New York ¹	39.5	40.3	47.8	56.6	71.4	80.2	85.3	83.3	76.8	66.3	53.7	42.5	62.2
N.C. Charlotte	53.4	55.7	62.0	72.0	80.4	87.6	88.8	87.8	82.9	73.8	62.7	53.3	71.7
N. Dak. Bismarck	51.9	54.0	61.1	71.8	79.4	86.3	88.1	87.1	82.0	72.8	62.2	52.3	70.8
Ohio Cincinnati ¹	41.3	43.4	52.0	64.4	74.9	83.8	87.5	86.4	80.3	69.0	53.2	42.6	64.9
Ohio Cleveland	34.8	35.6	44.1	57.5	68.7	78.1	81.8	80.2	73.5	62.9	48.0	36.9	58.5
Ohio Columbus	35.8	40.5	49.4	62.2	78.5	82.9	86.6	85.0	78.6	66.8	51.6	40.6	63.0
Oklahoma City	45.9	51.3	60.5	69.6	77.1	86.4	91.8	92.5	84.7	73.9	58.8	49.2	70.1
Oreg. Portland ¹	44.9	49.5	54.6	62.2	68.5	72.6	79.2	78.4	74.2	64.0	52.6	47.6	62.4
Pa. Philadelphia	40.3	42.5	50.9	63.1	74.2	82.3	86.0	84.2	77.7	67.4	55.1	43.4	64.0
Pittsburgh	36.5	37.6	46.1	56.0	67.1	70.9	83.3	81.9	75.5	63.7	49.5	38.1	60.3
R.I. Providence	37.3	38.3	45.3	56.6	67.7	76.1	84.0	80.0	73.1	63.4	52.2	40.4	59.3
S.C. Columbia	58.2	60.5	66.5	76.3	84.7	91.5	92.5	91.2	86.1	77.4	66.7	58.2	75.8
S. Dak. Sioux Falls	25.1	29.1	39.4	57.0	70.1	79.4	86.0	83.3	73.5	61.9	42.5	30.3	56.5
Tenn. Memphis	50.6	53.9	61.4	72.1	81.1	89.3	92.1	91.7	85.6	75.7	61.5	52.5	72.3
Tenn. Nashville	48.8	51.4	59.4	70.8	79.8	88.4	90.7	89.9	84.5	73.7	59.1	50.3	70.6
Tex. Dallas	55.8	59.5	67.0	75.4	82.7	90.9	94.5	95.0	88.3	78.8	65.7	58.0	76.0
Tex. El Paso	56.3	62.4	68.4	77.2	85.9	94.4	93.9	92.0	87.5	78.8	66.3	57.5	76.7
Tex. Houston ¹	52.6	65.2	70.9	77.5	84.4	90.4	92.0	92.4	88.3	81.6	70.4	64.6	78.4
Utah Salt Lake City	36.8	42.0	51.0	62.4	72.0	81.7	92.1	89.8	80.3	68.2	48.6	40.0	63.6
Vt. Burlington	27.4	29.1	38.3	53.4	67.4	77.1	81.9	79.4	76.6	68.6	44.4	31.2	54.9
Va. Norfolk	50.2	51.0	67.2	68.0	77.3	84.0	87.9	86.2	80.9	70.9	61.0	51.8	68.9
Wash. Richmond	48.3	50.6	58.1	60.4	78.3	85.8	88.4	86.5	80.8	70.6	59.9	49.8	68.9
Wash. Seattle ¹	45.6	48.8	52.7	59.4	65.7	63.6	75.1	73.9	69.0	60.4	51.8	48.0	60.0
Wash. Spokane	31.4	37.4	47.0	58.6	68.3	73.5	83.6	81.0	72.7	60.1	41.9	34.9	57.6
W. Va. Charleston	45.2	48.9	54.5	66.3	75.7	82.2	84.6	83.3	78.5	63.3	55.3	46.1	65.6
Wis. Milwaukee	28.3	30.2	38.8	53.1	62.9	73.9	78.9	77.7	70.7	60.1	44.1	32.0	54.3
Wyo. Cheyenne	38.2	40.4	44.1	54.5	64.1	75.5	84.2	81.8	73.2	61.7	47.2	41.6	58.9
P.R. San Juan ¹	70.9	80.0	81.0	81.8	83.4	84.4	84.2	85.3	85.8	85.5	83.5	81.4	83.0

¹ City office data.² Abbe Observatory data.

No. 234. NORMAL MONTHLY MINIMUM TEMPERATURE, FOR SELECTED CITIES

In Fahrenheit degrees. Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960).

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.	
Ala. Mobile	42.7	44.7	49.3	56.6	64.3	70.5	72.1	72.0	68.3	58.5	47.2	43.3	57.5	
Alaska Juneau	20.0	21.4	24.3	30.5	37.6	43.7	47.8	46.6	42.5	36.7	29.4	24.0	33.7	
Ariz. Phoenix	37.3	40.0	45.9	53.4	61.1	69.5	78.0	76.4	70.3	57.6	44.4	30.9	56.2	
Ark. Little Rock	30.5	34.1	40.9	51.2	59.5	68.0	71.1	70.1	62.2	50.2	37.6	31.7	50.6	
Calif. Los Angeles ¹	46.8	48.2	50.2	58.0	65.0	58.9	62.6	62.9	61.4	57.4	52.1	48.3	54.8	
Sacramento ¹	40.3	43.2	45.8	49.3	53.4	67.5	60.0	59.8	58.0	52.8	45.2	41.2	50.5	
San Francisco ¹	45.5	47.8	48.6	40.5	51.3	53.1	53.3	53.9	55.1	54.4	51.0	47.4	50.9	
Colo. Denver	16.8	19.3	24.8	34.3	42.8	53.0	59.4	58.2	59.0	40.9	38.2	25.6	20.0	36.9
Conn. Hartford	17.6	18.5	26.4	36.7	46.8	56.0	60.9	59.3	51.3	40.7	31.7	20.5	38.9	
Del. Wilmington	25.5	25.2	32.0	41.6	52.0	61.0	65.8	64.3	57.3	45.9	35.7	26.7	44.4	
D.C. Washington	29.5	29.4	35.8	45.6	56.0	64.9	69.3	67.9	60.7	49.6	38.9	30.5	48.2	
Fla. Jacksonville	45.0	46.5	51.1	57.8	65.1	71.1	73.2	73.2	71.1	61.8	51.2	45.5	59.4	
Miami	57.9	58.8	61.1	65.8	69.7	73.5	74.7	74.6	74.6	70.9	64.8	59.1	67.1	
Ga. Atlanta	35.5	36.5	40.9	49.9	58.6	66.3	70.2	68.4	63.1	51.7	40.1	34.8	51.3	
Hawaii Honolulu	65.8	66.0	68.4	68.1	70.0	72.0	78.0	73.8	73.2	72.1	69.7	67.9	69.8	
Idaho Boise	21.1	25.5	30.4	37.4	44.5	51.1	59.0	56.5	48.6	39.9	29.7	20.5	39.1	
Ill. Chicago	18.9	20.4	28.6	39.6	49.7	60.4	65.7	64.6	56.2	45.7	32.1	22.3	42.0	
Pearl ¹	17.6	20.1	28.4	40.3	50.7	61.1	65.0	63.5	56.0	44.1	30.7	21.3	41.5	
Ind. Indianapolis	21.0	22.8	29.7	40.3	50.7	60.4	64.3	62.7	54.9	44.0	31.8	23.2	42.2	
Iowa Des Moines	12.5	15.9	25.8	39.1	50.7	61.2	65.6	63.6	54.1	43.0	28.3	18.1	39.8	
Kans. Wichita	22.3	25.6	33.0	45.2	54.9	65.2	69.4	68.8	59.0	48.0	33.7	26.6	46.0	
Ky. Louisville	25.5	26.0	32.8	43.1	52.6	61.8	65.6	64.1	55.7	45.2	33.9	26.8	44.5	
La. New Orleans ¹	48.2	50.1	54.5	61.6	68.9	74.7	76.2	76.4	73.4	65.1	54.2	49.4	62.7	
Maine Portland	11.7	12.1	22.0	32.4	41.7	51.1	56.7	55.2	47.2	37.4	28.6	16.3	34.4	
Md. Baltimore	30.4	30.3	36.5	46.6	57.1	66.0	70.7	69.2	62.4	51.6	41.2	32.2	49.5	
Mass Boston	23.0	23.1	30.7	40.0	50.1	59.2	65.4	63.8	57.1	47.2	37.8	26.5	43.6	
Mich. Detroit	20.7	20.4	27.3	37.8	48.4	59.3	63.8	62.6	55.0	44.7	38.7	24.1	41.5	
Sault Ste. Marie	7.4	6.4	14.8	28.6	38.8	47.0	52.5	53.0	46.1	37.1	25.9	13.4	30.9	
Minn. Duluth	-0.6	1.1	12.4	27.9	38.7	48.3	54.9	53.9	44.7	34.6	19.5	5.7	28.4	
Minneapolis-St. Paul	2.5	5.4	17.8	33.3	45.6	55.9	61.2	59.1	48.8	38.7	21.3	8.5	33.0	
Miss. Jackson	37.6	39.9	44.8	52.9	61.2	68.4	71.2	70.5	64.7	53.9	42.7	33.3	53.8	
Mo. Kansas City	22.4	25.7	33.0	44.8	55.0	65.5	71.0	69.2	60.9	48.7	34.6	26.9	46.4	
St. Louis	23.5	26.3	33.4	44.8	55.3	65.1	68.0	67.3	56.6	47.6	34.5	26.5	46.0	
Mont. Great Falls	13.5	14.6	21.2	32.9	42.2	48.9	56.1	53.8	45.5	37.6	26.4	19.8	34.4	
Nebr. Omaha	12.9	17.0	27.3	40.9	52.1	62.4	67.8	65.5	55.3	43.8	28.8	19.1	41.0	
Nev. Reno	17.2	21.4	24.6	30.3	36.8	42.0	47.6	45.0	30.1	30.5	22.2	19.1	31.4	
N.H. Concord	10.6	11.8	21.7	31.7	41.6	51.3	56.4	54.1	46.2	36.6	27.2	14.8	33.6	
N.J. Atlantic City	26.6	26.1	32.4	41.7	51.5	60.7	66.3	65.1	58.4	47.8	37.9	28.1	45.2	
N.Mex. Albuquerque	23.5	27.5	32.7	41.2	50.9	60.1	64.8	63.3	57.6	45.3	31.1	25.6	43.6	
N.Y. Albany	14.4	18.4	20.0	35.7	46.3	55.8	60.5	58.5	50.3	39.8	30.6	18.5	37.4	
Buffalo	17.2	16.2	23.4	34.0	44.1	54.5	59.4	58.1	51.2	41.4	31.7	21.1	37.7	
New York ¹	26.9	26.4	33.2	43.1	53.4	62.5	68.2	66.8	60.1	50.3	40.3	29.0	40.8	
N.C. Charlotte	33.3	33.7	39.0	48.6	57.6	65.6	68.5	67.5	61.8	50.2	39.1	33.1	49.8	
Raleigh	31.3	31.9	37.8	46.8	55.7	63.9	67.6	66.7	60.4	48.2	37.7	31.4	48.3	
N.Dak. Bismarck	-1.9	1.7	15.3	31.1	42.6	52.4	58.7	55.8	44.7	33.0	18.1	6.6	29.8	
Ohio Cincinnati ²	26.1	26.7	33.8	43.9	53.5	63.0	66.3	64.9	57.6	46.8	36.0	27.0	45.5	
Cleveland	20.8	20.6	26.7	35.7	46.3	56.2	67.8	62.5	51.3	40.8	30.9	20.1	39.1	
Columbus	23.0	23.7	30.3	40.4	50.4	59.6	62.9	61.4	54.2	43.5	32.8	24.4	42.2	
Oklahoma City	27.1	30.2	36.5	48.1	57.6	66.5	70.2	70.0	61.0	50.8	37.0	30.4	48.9	
Oreg. Portland ¹	35.5	38.1	40.7	44.8	49.7	54.2	57.9	57.8	54.8	49.0	41.7	38.6	46.9	
Pa. Philadelphia	24.3	25.0	32.8	41.9	52.6	61.7	66.7	65.1	57.7	47.2	36.8	23.2	45.2	
Pittsburgh	21.2	20.7	27.4	37.9	48.1	56.9	60.9	59.6	52.8	42.4	32.0	23.2	40.3	
R.I. Providence	21.0	21.1	28.7	37.7	47.2	56.3	62.7	60.9	53.3	42.0	33.8	23.5	40.8	
S.C. Columbia	35.6	36.3	42.3	50.8	59.6	67.9	70.7	69.7	64.5	52.0	40.7	34.5	52.1	
S.Dak. Sioux Falls	5.2	0.0	20.8	34.7	46.5	56.8	62.5	60.3	50.0	38.6	22.7	11.9	34.9	
Tenn. Memphis	33.4	35.3	41.7	51.7	60.4	68.6	71.5	70.3	63.1	51.5	39.7	34.5	51.8	
Nashville	30.9	32.5	38.7	48.4	57.4	66.3	69.6	68.4	61.1	49.3	37.9	32.4	49.4	
Tex. Dallas	36.0	39.4	45.2	54.6	63.1	71.7	75.3	75.0	67.4	56.8	44.1	38.1	55.6	
El Paso	35.1	36.7	41.3	49.5	57.9	66.5	68.9	67.7	62.4	52.0	38.1	32.7	50.4	
Houston ¹	46.8	49.0	53.8	61.0	67.9	72.0	75.8	75.7	71.3	63.1	52.7	48.4	61.6	
Utah Salt Lake City	19.5	23.9	29.8	37.4	44.8	52.0	60.6	60.2	40.5	30.2	27.9	23.2	35.9	
Vt. Burlington	8.9	9.6	20.0	33.0	44.2	54.2	59.0	56.8	49.1	38.6	20.1	14.8	34.8	
Va. Norfolk	32.2	32.2	38.7	47.0	57.7	66.3	69.6	68.8	64.3	53.1	41.8	33.1	50.5	
Richmond	29.0	29.2	35.3	44.8	54.6	63.4	67.7	66.4	59.6	47.7	37.1	29.5	47.0	
Wash. Seattle ¹	36.8	38.3	40.1	44.1	49.0	53.1	56.1	56.1	53.3	48.3	41.0	30.5	46.4	
Spokane	19.2	22.5	29.1	35.9	43.1	54.3	59.4	55.9	47.0	38.0	28.5	24.2	37.2	
W. Va. Charleston	27.9	28.0	34.3	43.3	52.8	60.8	64.2	63.3	56.8	48.3	36.2	29.1	45.3	
Wis. Milwaukee	12.8	14.6	23.2	34.1	42.0	52.6	58.4	57.8	49.9	39.9	27.5	17.1	36.0	
Wyo. Cheyenne	13.8	15.2	19.7	28.6	38.6	47.5	53.8	52.6	43.0	33.2	22.2	18.4	32.2	
P.R. San Juan ¹	70.3	70.1	71.0	72.2	74.1	75.4	76.0	76.2	75.6	74.9	73.7	72.0	73.5	

¹ City office data. ² Abbe Observatory data.

Source: Department of Commerce, Weather Bureau; records.

No. 235. HIGHEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Values adjusted to represent observation taken at the present standard location. For period of record through 1960]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Ala.----Mobile	19	84	82	90	92	100	102	104	102	98	98	85	80	104	
Alaska----Juneau	17	57	48	52	71	82	84	84	83	72	61	56	54	84	
Ariz.----Phoenix	23	85	88	92	104	113	117	118	115	118	104	91	88	118	
Ark.----Little Rock	19	83	82	86	92	96	104	107	107	106	94	86	80	107	
Calif.----Los Angeles ¹	20	86	90	88	96	99	104	108	101	109	104	104	95	87	
	Sacramento ¹	27	70	74	82	94	102	112	109	109	102	83	72	112	
	San Francisco ¹	24	75	76	83	86	91	95	92	87	97	90	84	76	
Colo.----Denver	26	72	76	80	85	96	104	104	101	97	88	79	74	104	
Conn.----Hartford	6	57	64	69	86	92	97	98	101	91	86	72	61	101	
Del.----Wilmington	13	75	74	86	89	93	99	102	101	100	91	85	71	102	
D.C.----Washington	19	79	82	89	95	94	101	103	100	100	94	85	75	103	
Fla.----Jacksonville	19	85	87	90	93	99	103	105	102	100	96	87	84	105	
	Miami	18	87	89	90	93	94	98	96	98	95	94	89	88	98
Ga.----Atlanta	12	79	79	83	88	95	101	103	102	98	95	92	74	103	
Hawaii----Honolulu ¹	38	88	82	83	83	84	86	87	88	88	86	85	85	88	
Idaho----Boise	21	63	67	76	92	95	109	111	105	102	88	73	62	111	
Ill.----Chicago	18	67	69	82	84	94	104	103	101	101	91	81	65	104	
	Peoria	21	68	70	81	89	92	100	103	101	100	90	81	66	
Ind.----Indianapolis	23	71	72	81	88	93	102	104	100	100	90	81	69	104	
Iowa----Des Moines	21	62	68	82	88	94	100	105	102	101	92	76	69	105	
Kans.----Wichita	7	68	80	89	94	98	106	113	107	103	95	80	83	113	
Ky.----Louisville	13	77	73	85	91	95	102	105	101	104	92	84	72	105	
La.----New Orleans ¹	46	83	85	90	91	97	102	100	100	99	93	89	84	102	
Maine----Portland	20	64	64	86	85	92	97	98	100	95	87	73	60	100	
Md.----Baltimore ¹	90	79	83	90	95	98	105	107	105	101	97	87	75	107	
Mass.----Boston	9	62	68	70	88	93	100	100	100	100	90	74	64	100	
Mich.----Detroit	27	67	68	82	87	93	104	105	101	100	89	81	64	105	
	Sault Ste. Marie	19	43	45	75	82	88	92	92	88	80	66	51	98	
Minn.----Duluth	19	52	53	78	88	87	92	97	97	89	86	68	50	97	
	Minneapolis-St. Paul	22	58	59	78	92	98	100	104	102	98	89	75	63	
Miss.----Jackson	5	80	82	84	90	93	97	100	90	94	92	85	84	100	
Mo.----Kansas City	27	75	76	80	91	103	108	112	113	109	98	85	78	99	
	St. Louis	3	66	67	78	91	92	98	97	98	98	95	85	74	
Mont.----Great Falls	23	62	67	72	87	90	99	102	105	94	91	72	69	105	
Nebr.----Omaha	25	69	69	88	92	99	105	114	110	104	96	80	72	114	
Nev.----Reno	19	68	70	78	87	94	100	104	102	101	89	77	69	104	
N.H.----Concord	19	68	68	85	88	93	98	99	100	98	89	80	63	100	
N.J.----Atlantic City	2	58	63	78	89	91	98	91	93	91	89	73	65	98	
N. Mex.----Albuquerque	21	67	72	81	88	98	101	104	100	98	87	74	72	104	
N.Y.----Albany	14	64	62	73	88	90	99	100	99	99	88	82	61	100	
	Buffalo	17	72	64	81	87	90	95	94	94	98	87	76	66	
	New York ¹	90	71	73	84	91	95	107	102	102	100	90	81	69	
N.C.----Charlotte	21	78	80	90	93	100	103	103	102	104	98	84	77	104	
	Raleigh	16	79	80	92	93	97	104	105	101	104	98	88	78	
N. Dak.----Bismarck	21	54	68	81	92	98	100	108	109	105	95	73	60	109	
Ohio----Cincinnati ¹	45	77	76	88	90	95	102	109	103	101	92	83	71	109	
	Cleveland	20	73	69	83	88	92	101	103	102	100	92	80	70	
	Columbus	21	74	73	85	88	94	102	100	100	99	90	80	70	
Oklahoma----Oklahoma City	6	70	81	89	95	95	100	107	107	102	90	71	65	107	
Oreg.----Portland ¹	55	65	68	83	93	99	102	107	102	102	90	86	72	102	
Pa.----Philadelphia	19	74	74	87	92	96	100	102	101	100	96	79	72	102	
	Pittsburgh	8	67	69	74	87	94	99	97	97	87	76	68	90	
R.I.----Providence	7	60	65	70	87	90	95	97	95	91	85	73	61	97	
S.C.----Columbia ¹	13	82	82	89	93	101	107	107	106	101	98	88	80	107	
S. Dak.----Sioux Falls	15	59	70	80	93	94	101	108	105	99	92	75	61	108	
Tenn.----Memphis	19	78	79	95	91	97	104	106	105	103	95	85	70	106	
	Nashville	21	78	77	93	90	97	106	107	104	94	84	76	107	
Tex.----Dallas	20	88	88	96	96	99	105	111	109	105	99	89	89	111	
	El Paso	21	75	81	88	95	104	109	109	103	93	84	76	109	
	Houston ¹	22	82	90	96	92	95	99	105	103	99	89	83	105	
Utah----Salt Lake City	32	60	68	78	85	93	103	107	103	98	88	78	66	107	
Vt.----Burlington	17	63	68	94	84	91	96	99	101	94	85	75	62	101	
Va.----Norfolk	12	77	78	85	97	97	100	103	97	98	95	85	77	103	
	Richmond	31	80	83	93	96	100	104	104	102	103	99	86	78	
Wash.----Seattle ¹	27	66	70	75	87	92	100	100	97	92	78	70	65	108	
	Spokane	13	52	61	71	84	92	96	102	98	95	80	61	54	
W. Va.----Charleston	13	79	77	87	90	98	102	100	102	92	85	70	62	102	
Wis.----Milwaukee	20	62	69	81	85	90	99	101	100	98	86	77	63	101	
Wyo.----Cheyenne	25	63	70	73	82	89	100	100	96	93	82	73	69	100	
P.R.----San Juan ¹	62	90	91	96	98	94	93	92	94	94	94	93	90	96	

¹ City office data.

Source: Department of Commerce, Weather Bureau; records.

No. 236. LOWEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location. For period of record through 1960]

STATION	Length of record (yrs.)													An- nual	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Ala.----Mobile	19	14	11	21	36	43	56	60	59	47	32	22	18	11	
Alaska---Juneau	17	-19	-12	-11	7	25	31	36	27	26	16	-3	-21	-21	
Ariz.----Phoenix	23	17	22	29	32	42	50	61	60	49	36	25	22	17	
Ark.----Little Rock	19	7	-5	11	32	41	52	56	57	37	31	17	9	-5	
Calif.----Los Angeles ¹	20	28	34	38	42	47	50	54	53	51	46	40	32	28	
	Sacramento ¹	27	22	26	31	34	37	44	51	50	44	34	30	23	
	San Francisco ¹	24	30	36	38	42	44	47	47	48	45	42	37	30	
Colo.----Denver	26	-24	-30	-11	6	22	30	43	41	24	8	-8	-11	-30	
Conn.----Hartford	6	-17	-6	1	20	28	38	48	43	30	24	12	-6	-17	
Del.----Wilmington	13	-4	2	9	23	34	44	50	48	43	30	14	6	-4	
D.O.----Washington	19	5	11	24	34	47	55	53	40	30	16	1	1	1	
Fla.----Jacksonville	19	20	19	25	35	49	58	65	64	55	38	23	17	17	
	Miami ¹	18	34	32	40	41	53	68	68	69	51	39	35	32	
Ga.----Atlanta	12	9	5	10	30	41	46	59	59	44	29	8	12	3	
Hawaii----Honolulu ¹	38	57	58	68	69	64	64	68	68	69	66	62	60	57	
Idaho----Boise	21	-17	-10	10	20	27	34	41	38	27	20	-3	-1	-17	
Ill.----Chicago	18	-15	-7	19	30	35	49	46	36	20	-2	-14	-15		
	Pearl ¹	21	-14	-16	-10	20	31	39	48	43	26	20	-1	-14	-16
Ind.----Indianapolis	23	-13	-19	-6	16	20	39	44	42	28	17	-2	-15	-19	
Iowa----Des Moines	21	-21	-20	-15	17	30	38	49	40	28	16	-1	-15	-21	
Kans.----Wichita	7	-10	-3	-2	24	33	44	64	54	48	40	23	8	-10	
Ky.----Louisville	13	-6	-10	-1	26	34	45	53	49	33	23	-1	-9	-10	
La.----New Orleans ¹	46	17	20	28	41	50	62	66	68	54	40	31	19	17	
Maine----Portland	20	-21	-30	-21	8	23	33	41	38	23	18	6	-15	-30	
Md.----Baltimore	90	-6	-7	5	15	34	46	54	51	39	30	12	-3	-7	
Mass.----Boston	9	-12	-4	10	17	34	47	55	52	40	31	17	-2	-12	
Mich.----Detroit	27	-9	-10	-1	14	30	38	48	43	32	25	7	-5	-16	
	Sault St. Marie	19	-24	-25	-24	1	21	31	36	32	25	20	-5	-20	-25
Minn.----Duluth	19	-35	-29	-26	-5	20	30	40	37	22	9	-17	-33	-35	
	Minneapolis														
	St. Paul	22	-31	-28	-27	9	26	34	48	40	26	18	-9	-22	-31
Miss.----Jackson	5	15	10	21	34	42	48	63	54	48	28	20	15	10	
Mo.----Kansas City	27	-13	-13	-3	16	32	44	54	49	34	24	5	-4	-13	
	St. Louis	3	-4	-5	-5	26	36	51	56	52	43	29	6	0	-5
Mont.----Great Falls	23	-33	-38	-29	-6	16	31	42	35	28	7	-23	-23	-35	
Nebr.----Omaha	25	-21	-19	-16	10	29	39	51	43	30	20	-8	-12	-21	
Nev.----Reno	19	-18	-9	-2	13	19	25	33	30	21	13	1	-5	-16	
N.H.----Concord	10	-30	-37	-16	9	21	33	38	33	21	16	5	-22	-37	
N.J.----Atlantic City	2	6	9	0	27	37	47	56	53	39	30	21	6	6	
N. Mex.----Albuquerque	21	1	-5	8	19	34	45	55	53	39	26	10	6	-5	
N.Y.----Albany	14	-26	-21	-21	14	27	36	44	42	24	20	6	-19	-26	
	Buffalo	17	-12	-5	-1	12	26	35	43	43	32	25	7	-8	-12
	New York ¹	90	-6	-14	3	12	34	44	54	51	38	27	7	-13	-14
N.C.----Charlotte	21	-3	5	10	24	36	50	56	53	38	26	11	10	-3	
	Raleigh	16	10	7	11	27	32	44	54	49	37	25	7	7	
N. Dak.----Bismarck ¹	21	-44	-34	-31	-2	19	33	39	37	16	5	-19	-36	-44	
Ohio----Cincinnati ¹	45	-17	-9	6	18	32	40	50	43	32	20	1	-13	-17	
	Cleveland	20	-9	-8	-5	10	29	38	46	44	32	25	7	-9	-9
	Columbus	21	-15	-13	-1	20	28	39	44	43	31	17	-4	-14	-16
Oklahoma----Oklahoma City	6	-4	9	3	20	39	47	57	51	46	22	11	6	-4	
Oreg.----Portland ¹	58	6	7	22	30	36	41	43	44	36	20	15	3	3	
Pa.----Philadelphia	19	2	3	7	24	33	44	52	50	36	28	15	1	1	
	Pittsburgh ¹	8	-6	-8	-1	20	32	43	48	46	31	27	-1	-3	-8
R.I.----Providence	7	-9	-8	8	14	20	43	49	45	35	26	16	-3	-9	
S.C.----Columbia	13	12	11	18	29	41	51	54	54	44	23	16	4	4	
S. Dak.----Sioux Falls	15	-25	-27	-23	11	20	33	38	34	24	13	-2	-25	-27	
Tenn.----Memphis	19	1	-11	12	29	38	50	52	48	36	25	9	11	-11	
	Nashville	21	-15	-13	5	25	36	44	51	47	36	26	-1	5	-15
Tex.----Dallas	20	2	7	11	31	39	53	61	61	36	30	17	12	2	
	El Paso	21	-6	8	18	28	38	50	60	59	41	32	16	5	-6
	Houston ¹	22	10	14	21	39	46	57	68	63	45	37	28	20	-10
Utah----Salt Lake City	32	-22	-30	-5	14	27	35	41	39	30	18	-14	-21	-30	
Vt.----Burlington	17	-30	-26	-20	9	25	35	44	39	26	21	-2	-22	-30	
Va.----Norfolk	12	14	11	20	30	36	50	60	56	46	32	20	15	11	
	Richmond	31	-12	-10	11	26	31	41	51	46	38	23	10	-1	-12
	Seattle ¹	27	11	12	22	31	35	45	48	48	42	30	13	21	11
	Spokane	18	-24	-12	-3	21	24	35	40	41	30	20	-11	-9	-24
W. Va.----Charleston	13	5	-2	10	13	20	32	41	51	46	34	26	6	2	-5
Wis.----Milwaukee	20	-24	-19	-7	13	28	33	45	44	28	21	-5	-12	-24	
Wyo.----Cheyenne ¹	25	-27	-34	-21	-6	16	26	38	37	18	2	-12	-16	-34	
P.R.----San Juan ¹	62	63	62	63	65	66	66	70	68	69	68	65	62	62	

¹ City office data.

Source: Department of Commerce, Weather Bureau; records.

No. 237. NORMAL MONTHLY AND ANNUAL PRECIPITATION, FOR SELECTED CITIES

[In inches. Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960). T denotes trace. See also *Historical Statistics, Colonial Times to 1957*, series J 136-265, for related data.]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An-	
Ala. Mobile	4.64	4.59	7.23	6.36	4.88	6.23	9.67	6.44	6.25	3.03	3.35	5.46	68.13	
Alaska Juneau	4.00	3.06	3.27	2.87	3.24	3.39	4.49	5.02	6.67	8.33	6.08	4.22	54.62	
Ariz. Phoenix	0.73	0.85	0.60	0.32	0.13	0.09	0.77	1.12	0.73	0.46	0.49	0.85	7.20	
Ark. Little Rock	5.22	4.38	4.81	4.93	5.28	3.61	3.34	2.82	3.23	2.88	4.12	4.09	48.66	
Calif. Los Angeles	3.07	3.33	2.26	1.17	0.16	0.06	T	0.04	0.23	0.41	1.08	2.87	14.08	
Sacramento	3.58	3.47	2.46	1.62	0.62	0.12	T	0.04	0.22	0.80	1.64	3.55	18.02	
Colo. San Francisco	4.55	3.66	2.93	1.44	0.63	0.14	0.01	0.04	0.22	0.89	2.00	4.27	20.78	
Conn. Hartford	0.55	0.61	1.21	2.11	2.70	1.44	1.53	1.28	1.13	1.01	0.69	0.47	14.81	
Del. Wilmington	3.40	2.95	4.02	3.33	3.53	4.07	4.25	5.59	3.95	2.01	3.53	3.03	44.55	
D.C. Washington	3.03	2.47	3.21	3.16	4.14	3.21	4.15	4.90	3.83	3.07	2.34	2.78	40.78	
Fla. Jacksonville	2.45	2.91	3.48	3.56	3.47	6.33	7.68	6.85	7.56	5.16	1.69	2.22	53.36	
Miami	2.03	1.87	2.27	3.88	6.44	7.37	6.75	6.97	9.47	8.21	3.23	1.67	59.76	
Ga. Atlanta	4.44	4.51	5.87	4.47	3.16	3.83	4.72	3.60	3.26	2.44	2.96	4.38	47.14	
Hawaii Honolulu	3.76	3.30	2.89	1.31	0.99	0.33	0.44	0.89	0.99	1.84	2.16	2.99	21.39	
Idaho Boise	1.32	1.33	1.32	1.16	1.29	0.80	0.21	0.16	0.39	0.84	1.20	1.32	11.43	
Ill. Chicago	1.86	1.60	2.74	3.04	3.73	4.07	3.37	3.18	2.73	2.78	2.20	1.90	33.18	
Ind. Peoria	1.88	1.71	2.82	3.97	4.27	4.08	3.64	2.88	3.05	2.58	2.14	1.94	34.84	
Ind. Indianapolis	3.05	2.28	3.41	3.74	3.99	4.62	3.50	3.03	3.24	2.62	3.09	2.68	39.25	
Iowa Des Moines	1.30	1.10	2.09	2.53	4.07	4.71	3.06	3.67	2.88	2.06	1.76	1.14	30.37	
Kans. Wichita	0.81	0.92	1.64	2.30	3.97	4.21	3.84	2.87	3.22	2.40	1.49	0.94	28.41	
Ky. Louisville	4.10	3.29	4.59	3.82	3.90	3.99	3.38	2.97	2.63	2.25	3.22	2.32	41.32	
La. New Orleans	4.42	4.69	6.22	5.41	5.11	5.49	7.92	6.34	5.99	3.22	3.74	4.90	63.25	
Maine Portland	4.37	3.80	4.34	3.73	3.41	3.18	2.86	2.42	3.52	3.20	4.17	3.85	42.85	
Md. Baltimore	3.43	2.98	3.94	3.71	4.15	3.87	4.39	4.60	3.63	3.25	3.10	3.16	44.21	
Mass. Boston	3.94	3.32	4.22	3.77	3.34	3.48	3.28	3.06	3.46	3.14	3.63	42.77		
Mich. Detroit	2.05	2.08	2.42	3.00	3.53	2.83	2.82	2.86	2.44	2.63	2.21	2.08	30.95	
Minn. Sault Ste. Marie	2.07	1.50	1.81	2.16	2.77	3.30	3.48	2.89	3.81	2.82	3.33	2.28	31.22	
Minn. Duluth	1.15	0.96	1.62	2.36	3.29	4.27	3.54	3.81	2.86	2.17	1.78	1.16	28.97	
Minn. Minneapolis-St. Paul	0.70	0.78	1.53	1.85	3.10	4.00	3.27	3.18	2.43	1.59	1.40	0.86	24.78	
Miss. Jackson	4.94	4.88	5.67	4.51	4.16	3.85	4.64	3.34	2.48	1.94	3.70	5.32	49.33	
Mo. Kansas City	1.41	1.24	2.49	3.56	4.40	4.57	3.19	3.77	3.25	2.58	1.80	1.52	34.07	
Mo. St. Louis	1.98	2.04	3.08	3.71	3.73	4.20	3.30	3.02	2.76	2.86	2.57	1.97	35.31	
Mont. Great Falls	0.61	0.74	0.92	0.98	2.10	2.00	1.28	1.26	1.20	0.73	0.75	0.60	14.07	
Nebr. Omaha	0.82	0.95	1.45	2.66	3.48	4.53	3.37	3.98	2.63	1.73	1.26	0.80	27.56	
Nev. Reno	1.19	1.02	0.68	0.54	0.52	0.37	0.27	0.17	0.23	0.51	0.57	1.08	7.15	
N.H. Concord	3.23	2.48	3.26	3.31	3.17	3.60	3.41	2.95	3.75	2.66	3.72	3.20	38.80	
N.J. Atlantic City	3.56	3.18	3.91	3.41	3.51	2.83	2.72	4.90	3.81	3.20	3.65	3.22	42.36	
N.M. Albuquerque	0.41	0.38	0.48	0.47	0.75	0.57	1.20	1.38	0.95	0.75	0.38	0.46	8.13	
N.Y. Albany	2.47	2.20	2.72	2.77	3.47	3.25	3.49	3.07	3.53	2.77	2.70	2.59	35.08	
N.Y. Buffalo	2.84	2.72	3.24	3.01	2.95	2.54	2.57	3.05	3.13	3.00	3.60	3.00	35.65	
N.Y. New York	3.31	2.84	4.01	3.43	3.67	3.31	3.70	4.44	3.87	3.14	3.39	3.26	42.37	
N.C. Charlotte	3.53	3.55	4.39	3.49	3.11	3.61	4.88	4.22	3.49	2.96	2.53	3.02	43.38	
N.C. Raleigh	3.22	3.23	3.35	3.52	3.52	3.70	5.49	5.20	3.85	2.71	2.77	3.02	43.58	
N.Dak. Bismarck	0.44	0.43	0.78	1.22	1.97	3.40	2.19	1.73	1.19	0.85	0.59	0.38	15.15	
Ohio Cincinnati	3.67	2.80	3.89	3.63	3.80	4.18	3.59	3.28	2.71	2.24	2.95	2.77	39.51	
Ohio Cleveland	2.67	2.33	3.13	3.41	3.52	3.43	3.31	3.28	2.90	2.42	2.61	3.24	35.35	
Ohio Columbus	3.16	2.31	3.16	3.49	4.00	4.16	3.93	2.86	2.65	2.11	2.50	2.34	36.67	
Oklahoma Oklahoma City	1.31	1.37	1.97	3.12	5.19	4.47	3.77	3.22	3.02	2.51	1.56	1.41	30.82	
Oreg. Portland	6.34	4.90	4.78	2.45	2.05	1.68	0.39	0.69	1.74	3.89	6.04	7.42	42.37	
Pa. Philadelphia	3.32	2.80	3.80	3.40	3.74	4.05	4.16	4.03	3.46	2.78	3.40	2.94	42.48	
Pa. Pittsburgh	2.97	2.19	3.32	3.08	3.91	3.78	3.88	3.31	2.54	2.52	2.24	2.40	36.14	
R.I. Providence	3.81	3.10	4.14	3.75	3.35	2.76	2.91	3.96	3.52	3.10	4.11	3.02	42.13	
S.C. Columbia	3.02	3.74	4.26	4.01	3.54	3.85	6.09	5.74	4.31	2.38	2.36	3.52	46.82	
S.Dak. Sioux Falls	0.62	0.93	1.54	2.31	3.38	4.35	2.84	3.59	2.61	1.25	1.00	0.74	25.16	
Tenn. Memphis	6.07	4.69	5.07	4.63	4.23	3.68	3.54	2.97	2.82	2.72	4.33	4.98	49.73	
Tenn. Nashville	5.49	4.51	6.19	3.74	3.72	3.25	3.72	2.86	2.87	2.32	3.28	4.19	45.15	
Tex. Dallas	2.32	2.65	2.85	4.00	4.83	3.24	1.94	1.93	2.82	2.70	2.70	2.67	34.55	
Tex. El Paso	0.46	0.41	0.35	0.29	0.40	0.69	1.29	1.19	1.14	0.85	0.83	0.49	7.89	
Tex. Houston	3.72	3.21	2.40	3.42	4.43	3.83	5.15	3.55	3.55	3.81	3.60	4.04	4.10	45.26
Utah Salt Lake City	1.35	1.18	1.56	1.76	1.40	0.98	0.58	0.87	0.53	1.15	1.30	1.24	13.90	
Vt. Burlington	1.05	1.79	2.11	2.63	2.09	3.49	3.85	3.37	3.31	2.97	2.82	2.13	33.21	
Va. Norfolk	3.33	3.21	3.45	3.16	3.36	3.61	5.92	5.97	4.22	2.92	3.05	2.74	44.94	
Va. Richmond	3.46	2.90	3.42	3.15	3.72	3.75	5.61	5.54	3.65	3.00	3.04	2.97	44.21	
Wash. Seattle	5.19	3.90	3.32	1.97	1.59	1.41	0.63	0.74	1.05	3.28	5.00	5.42	34.10	
Wash. Spokane	2.44	1.86	1.50	0.91	1.21	1.49	0.38	0.41	0.76	1.57	2.24	2.43	17.19	
W. Va. Charleston	4.32	3.53	4.34	3.68	3.71	3.69	5.67	3.95	2.92	2.58	2.79	3.25	44.43	
Wis. Milwaukee	1.83	1.40	2.31	2.53	3.16	3.04	2.75	3.06	2.72	2.10	2.18	1.63	29.51	
Wyo. Cheyenne	0.52	0.56	1.21	1.88	2.52	2.11	1.82	1.44	1.10	0.83	0.62	0.45	15.06	
P.R. San Juan	4.13	2.70	2.07	3.89	7.10	5.83	6.02	6.34	6.04	5.24	6.05	4.89	60.36	

¹ City office data.

Source: Department of Commerce, Weather Bureau; records.

**NO. 238. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF 0.01 INCH OR MORE,
FOR SELECTED CITIES**

[Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location. For period of record through 1960]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala.-----Mobile-----	19	10	10	11	8	8	12	18	13	10	6	7	11	124	
Alaska-----Juneau-----	17	18	17	18	17	17	15	17	18	20	23	21	22	223	
Ariz.-----Phoenix-----	21	4	4	3	2	1	1	4	5	3	3	2	4	34	
Ark.-----Little Rock-----	19	10	10	10	11	10	8	8	7	7	6	8	9	104	
Calif.-----Los Angeles-----	20	6	5	6	4	2	1	(2)	1	1	2	4	5	37	
	27	11	10	8	6	3	1	(2)	1	1	3	6	9	59	
	24	11	11	10	6	4	2	1	1	1	4	7	10	67	
Colo.-----Denver-----	26	6	8	9	9	11	9	9	8	6	6	5	4	87	
Conn.-----Hartford-----	6	11	10	12	14	12	11	11	11	10	9	11	10	132	
Del.-----Wilmington-----	13	12	10	13	12	12	9	9	9	8	9	9	10	122	
D.C.-----Washington-----	19	11	8	12	10	12	0	10	10	8	8	8	10	115	
Fla.-----Jacksonville-----	19	7	8	9	7	8	11	15	14	15	9	6	8	117	
	18	6	5	6	7	10	13	17	16	18	15	8	7	128	
Ga.-----Atlanta-----	26	11	10	12	10	9	10	12	10	7	7	8	11	117	
Hawaii-----Honolulu ¹ -----	38	12	12	13	12	11	11	13	13	12	13	13	14	140	
Idaho-----Boise ¹ -----	21	12	11	10	8	9	7	2	2	3	7	10	11	99	
Ill.-----Chicago-----	18	10	10	12	13	12	11	9	8	8	7	10	10	120	
	21	9	8	11	12	12	11	8	8	8	7	8	9	110	
Ind.-----Indianapolis-----	21	12	10	12	12	13	11	9	8	7	8	10	10	122	
Iowa-----Des Moines-----	21	7	7	10	10	11	11	9	9	8	7	6	7	102	
Kans.-----Wichita-----	7	6	5	7	7	11	9	8	7	7	6	4	5	82	
Ky.-----Louisville-----	13	13	11	13	13	11	11	10	8	7	7	9	10	123	
La.-----New Orleans ¹ -----	45	10	9	9	7	9	12	15	14	10	7	7	10	119	
Maine-----Portland-----	20	12	11	11	12	13	12	9	9	8	9	11	10	127	
Md.-----Baltimore-----	96	11	10	12	11	11	11	11	11	8	8	9	10	128	
Mass.-----Boston-----	9	13	12	12	13	13	10	10	10	9	10	11	10	133	
Mich.-----Detroit-----	27	13	12	13	12	12	11	9	8	9	9	12	13	133	
Minn.-----Duluth-----	19	18	15	13	12	11	12	10	10	13	11	18	19	162	
	Minneapolis-----St. Paul-----	22	8	7	11	9	11	18	10	10	9	8	8	8	112
Miss.-----Jackson-----	5	10	11	12	9	10	10	10	10	9	8	8	9	116	
Mo.-----Kansas City-----	27	7	7	9	11	12	11	8	8	8	7	6	6	100	
	St. Louis-----Great Falls-----	3	7	7	10	10	9	10	8	7	7	7	7	104	
Mont.-----Great Falls-----	23	8	8	9	8	11	13	7	7	7	6	7	6	95	
Nebr.-----Omaha-----	25	7	7	8	9	11	11	9	10	7	6	5	5	94	
Nev.-----Reno-----	18	6	6	4	5	3	3	2	2	3	4	6	4	47	
N.H.-----Concord-----	19	12	10	11	12	13	11	10	9	9	11	10	10	127	
N.J.-----Atlantic City-----	2	9	9	13	9	11	7	9	9	8	11	9	7	111	
N. Mex.-----Albuquerque-----	21	4	4	4	4	4	4	4	9	10	5	2	4	58	
N.Y.-----Albany-----	14	13	11	12	13	13	10	11	10	9	9	11	11	133	
	Buffalo-----New York ¹ -----	7	21	17	16	15	12	9	10	10	10	11	16	20	167
N.C.-----Charlotte-----	21	10	10	12	11	11	10	11	10	9	9	9	10	124	
	Raleigh-----Raleigh-----	16	10	10	11	10	10	12	11	11	9	8	8	112	
N. Dak.-----Bismarck-----	21	8	7	8	7	9	12	9	9	7	6	7	7	96	
Ohio-----Cincinnati ¹ -----	45	13	11	13	12	12	13	10	9	9	9	10	11	132	
	Cleveland-----Cleveland-----	19	16	14	15	15	14	11	10	9	9	10	15	15	154
	Columbus-----Columbus-----	21	14	12	14	13	13	12	10	8	8	11	12	135	
Oklahoma-----Oklahoma City-----	21	6	7	8	11	9	7	6	6	6	4	5	5	82	
Oreg.-----Portland ¹ -----	58	20	16	17	14	12	9	8	4	8	12	17	19	161	
Pa.-----Philadelphia-----	20	12	9	12	11	12	10	10	10	8	8	9	9	120	
	Pittsburgh-----Pittsburgh-----	8	16	14	16	14	12	11	11	10	7	11	13	15	149
R.I.-----Providence-----	7	12	10	12	13	12	11	10	10	9	9	12	11	131	
S.C.-----Columbia-----	13	9	10	11	9	8	9	11	12	11	7	7	9	110	
S. Dak.-----Sioux Falls-----	15	5	6	0	8	10	11	9	10	7	6	6	6	93	
Tenn.-----Memphis-----	10	10	10	11	10	8	8	9	7	5	8	10	10	102	
	Nashville-----Nashville-----	19	12	11	12	11	11	9	10	9	7	9	11	119	
Tex.-----Dallas-----	20	7	8	8	9	9	6	5	6	5	6	6	6	81	
	El Paso-----El Paso-----	21	3	3	2	2	2	2	4	3	4	2	3	4	44
	Houston-----Houston-----	22	10	10	9	8	8	8	10	9	9	7	8	10	106
Utah-----Salt Lake City-----	32	10	9	10	9	8	5	4	6	5	6	7	9	86	
Vt.-----Burlington-----	17	14	13	13	13	13	11	12	11	12	11	14	14	151	
Va.-----Norfolk-----	12	10	10	12	11	10	8	11	12	8	8	9	8	117	
	Richmond-----Richmond-----	23	10	9	11	10	11	9	5	6	8	8	9	9	116
Wash.-----Seattle ¹ -----	27	19	15	16	13	11	9	5	6	8	14	17	19	151	
	Spokane-----Spokane-----	13	17	12	12	8	10	8	4	5	6	9	12	16	118
W. Va.-----Charleston-----	13	17	14	16	14	14	11	13	10	8	10	12	13	152	
Wis.-----Milwaukee ¹ -----	20	10	9	11	11	13	11	9	9	8	8	10	10	119	
Wyo.-----Cheyenne ¹ -----	25	6	7	10	10	13	11	11	10	7	6	6	5	102	
P.R.-----San Juan ¹ -----	62	20	14	14	14	16	17	10	20	18	18	19	20	209	

¹ City office data. ² Less than ½ day.

No. 239. AVERAGE TOTAL SNOW AND SLEET, FOR SELECTED CITIES

[In inches. Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location. For period of record through 1960. T denotes trace]

STATION	Length of record (yrs.)													Annual	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Ala. - Mobile	19	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T 0.4	
Alaska - Juneau	17	17.9	18.9	15.7	4.1	T	0.0	0.0	0.0	1.3	10.5	22.1	90.5	T	
Ariz. - Phoenix	23	T	T	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	
Ark. - Little Rock	19	2.4	1.2	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	4.9	
Calif. - Los Angeles	20	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	
	Sacramento ¹	12	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	
	San Francisco ¹	24	T	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	
Colo. - Denver	26	8.9	7.9	12.3	10.2	1.7	T	0.0	0.0	1.5	3.1	7.7	6.0	89.3	
Conn. - Hartford	6	10.0	8.7	18.6	3.3	0.0	0.0	0.0	0.0	0.0	T	1.0	8.6	50.2	
Del. - Wilmington	13	5.2	4.5	5.0	0.1	0.0	0.0	0.0	0.0	0.0	T	1.5	3.6	19.9	
D.C. - Washington	17	4.2	3.8	2.8	T	0.0	0.0	0.0	0.0	0.0	T	0.7	3.2	14.7	
Fla. - Jacksonville	19	T	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T 0.1	
	Miami	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Ga. - Atlanta	26	0.7	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T 0.2	
Hawaii - Honolulu ¹	38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Idaho - Boise	21	7.6	4.7	2.3	0.3	T	T	0.0	0.0	0.0	0.3	3.4	10.4	35.6	
Ill. - Chicago	18	7.5	7.1	6.4	0.4	T	0.0	0.0	0.0	T	2.2	5.3	23.0		
	Peoria	17	5.0	4.8	5.3	0.4	T	0.0	0.0	0.0	T	2.0	4.2	18.1	
Ind. - Indianapolis	29	4.0	3.7	3.7	0.5	T	0.0	0.0	0.0	T	1.9	5.6	31.9		
Iowa - Des Moines	21	8.9	6.5	7.7	1.3	T	0.0	0.0	0.0	T	0.8	1.9	16.1		
Kans. - Wichita	7	4.3	4.1	4.7	0.3	0.0	0.0	0.0	0.0	T	1.2	2.3	14.7		
Ky. - Louisville	13	4.2	3.1	3.9	T	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0		
La. - New Orleans	46	T	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T 0.1	
Maine - Portland	20	19.7	18.9	13.7	2.1	0.4	0.0	0.0	0.0	T	3.0	12.2	70.0		
Md. - Baltimore ¹	69	6.1	6.6	4.8	0.6	T	0.0	0.0	0.0	0.1	6.3	3.9	22.7		
Mass. - Boston	25	12.6	10.4	7.9	0.7	T	0.0	0.0	0.0	T	1.5	6.6	33.7		
Mich. - Detroit	27	8.2	7.7	5.5	1.2	T	0.0	0.0	0.0	T	3.0	6.5	32.1		
Minn. - Duluth	19	21.0	15.3	15.4	4.8	0.5	T	0.0	0.0	2.2	2.6	25.2	98.9		
	Minneapolis	17	16.4	13.0	13.2	6.6	1.0	T	0.0	0.0	1.2	10.8	14.5	76.2	
	St. Paul	22	6.3	7.4	9.0	2.1	0.8	0.0	0.0	0.1	0.4	6.8	6.9	40.2	
Miss. - Jackson	5	T	2.3	T	0.0	0.0	0.0	0.0	0.0	T	1.2	4.2	19.6		
Mo. - Kansas City	27	5.3	3.9	4.4	0.6	T	0.0	0.0	0.0	T	1.2	3.1	16.9		
	St. Louis	24	3.9	3.5	5.1	0.1	T	0.0	0.0	1.4	2.7	8.2	7.7	54.7	
Mont. - Great Falls	23	8.3	10.3	9.6	4.4	1.6	0.5	0.0	0.0	T	0.0	0.0	0.0		
Nebr. - Omaha	25	8.5	7.4	7.3	1.0	0.1	0.0	0.0	0.0	0.3	2.2	5.0	31.8		
Nev. - Reno	18	7.0	5.3	5.0	1.0	0.1	T	0.0	0.0	0.3	1.6	3.6	23.0		
N.H. - Concord	19	17.8	13.2	11.4	1.9	0.8	0.0	0.0	0.0	T	3.3	12.3	61.1		
N.J. - Atlantic City	2	1.7	1.8	6.7	1.0	0.0	0.0	0.0	0.0	T	5.1	16.3			
N. Mex. - Albuquerque	21	2.0	1.6	1.8	0.5	T	0.0	0.0	0.0	0.2	2.0	11.9	60.4		
N.Y. - Albany	14	15.8	14.7	12.2	2.7	T	0.0	0.0	0.0	T	0.3	14.8	22.5	109.2	
	Buffalo	7	28.7	22.8	18.7	3.4	T	0.0	0.0	0.0	T	0.9	6.2	30.1	
	New York ¹	76	7.3	8.9	5.8	1.0	T	0.0	0.0	0.0	T	0.4	4.0		
N.C. - Charlotte	21	1.4	0.9	1.3	T	0.0	0.0	0.0	0.0	T	1.2	2.1	6.5		
	Raleigh	16	2.4	1.7	1.2	T	0.0	0.0	0.0	T	0.0	0.0	0.0		
N. Dak. - Bismarck	21	7.0	6.0	8.5	2.0	0.9	T	0.0	0.0	0.2	1.4	5.7	5.1	37.7	
Ohio - Cincinnati ¹	45	5.1	3.8	3.2	0.5	T	0.0	0.0	0.0	0.1	1.5	4.3	18.5		
	Cleveland	19	10.0	9.8	11.2	2.6	T	0.0	0.0	0.5	6.5	10.9	51.5		
	Columbus	13	9.8	4.4	4.6	0.6	T	0.0	0.0	3.3	6.6	29.3			
Oklahoma - Oklahoma City	21	3.5	2.3	1.8	T	0.0	0.0	0.0	0.0	T	0.3	1.7	9.6		
Oreg. - Portland ¹	53	5.3	1.8	0.6	0.1	T	0.0	0.0	0.0	T	0.1	1.2	9.1		
Pa. - Philadelphia	18	4.6	4.9	4.2	T	0.0	0.0	0.0	0.0	T	0.8	3.0	18.4		
	Pittsburgh	8	7.9	6.6	9.5	2.0	T	0.0	0.0	0.2	4.2	8.5	38.9		
R.I. - Providence	7	8.9	5.1	18.4	1.1	0.0	0.0	0.0	0.0	T	0.5	6.4	35.4		
S.C. - Columbia	13	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	T	0.7	1.2			
S. Dak. - Sioux Falls	15	5.9	8.5	12.9	2.4	T	0.0	0.0	0.0	0.3	5.4	6.0	41.4		
Tenn. - Memphis	10	2.1	1.5	0.7	0.0	0.0	0.0	0.0	0.0	T	0.5	4.8			
	Nashville	19	3.6	2.7	2.1	0.1	T	0.0	0.0	0.0	0.7	1.2	10.4		
Tex. - Dallas	20	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	T	0.2	1.1	4.4		
	El Paso	21	1.6	0.7	0.6	T	0.0	0.0	0.0	0.0	0.4	1.1	4.4		
	Houston	22	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4		
Utah - Salt Lake City	32	13.6	9.8	8.2	3.2	0.2	T	0.0	0.0	0.5	8.2	10.5	51.7		
Vt. - Burlington	17	18.5	19.0	10.3	1.5	T	0.0	0.0	0.0	0.1	5.7	14.1	69.2		
Va. - Norfolk	12	2.1	0.8	0.8	T	0.0	0.0	0.0	0.0	T	0.6	1.8	12.0		
	Richmond	23	4.3	2.5	2.7	0.1	0.0	0.0	0.0	T	0.8	0.7	8.6		
Wash. - Seattle ¹	27	4.9	1.4	0.8	T	0.0	0.0	0.0	0.0	T	0.8	0.7	58.0		
	Spokane	13	21.2	10.3	5.2	0.2	T	0.0	0.0	0.0	0.6	5.7	14.8		
W. Va. - Charleston	13	6.7	5.0	4.7	0.6	0.0	0.0	0.0	0.0	T	3.6	2.6	23.3		
Wis. - Milwaukee	20	13.0	7.7	8.6	0.6	T	0.0	0.0	0.0	T	3.3	9.3	42.5		
Wyo. - Cheyenne	25	6.4	6.4	12.4	10.4	4.1	0.5	0.0	0.0	0.7	7.3	5.8	57.1		
P.R. - San Juan ¹	62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

¹ City office data.

Source: Department of Commerce, Weather Bureau; records.

NO. 240. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE, FOR SELECTED CITIES
 [For period of record through 1960. Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala.-----	Mobile ¹ -----	48	51	54	60	67	71	68	59	63	64	70	62	46	61
Alaska-----	Juneau-----	15	29	32	37	37	34	34	27	30	24	17	21	18	30
Ariz.-----	Phoenix-----	65	77	79	83	88	93	94	84	84	89	88	84	77	88
Ark.-----	Little Rock-----	19	42	51	54	60	64	70	69	72	70	67	57	47	62
Calif.-----	Los Angeles ¹ -----	20	71	72	74	67	68	69	81	82	81	74	80	72	74
	Sacramento ¹ -----	12	43	58	68	77	83	91	97	96	93	86	66	47	78
	San Francisco ¹ -----	24	54	59	68	70	71	74	64	64	72	70	64	53	66
Colo.-----	Denver-----	11	70	70	69	62	64	72	70	73	77	72	66	68	69
Conn.-----	Hartford-----	6	49	48	52	48	57	57	57	59	57	56	45	49	53
Del.-----	Wilmington ¹ -----	15	46	55	57	57	58	63	63	61	59	68	53	51	58
D.C.-----	Washington-----	12	45	52	55	55	56	65	64	61	62	58	55	49	56
Fla.-----	Jacksonville-----	10	58	63	62	68	69	59	59	58	45	53	58	52	59
	Miami ¹ -----	18	70	75	73	73	68	62	61	64	58	58	65	66	66
Ga.-----	Atlanta-----	26	47	51	56	65	66	68	61	66	66	66	58	48	60
Hawaii-----	Honolulu ¹ -----	8	65	62	71	73	71	74	76	75	76	72	65	59	70
Idaho-----	Boise-----	21	40	49	59	67	68	76	89	86	81	67	46	39	66
Ill.-----	Chicago-----	18	43	48	52	53	59	66	69	68	67	64	44	44	58
Ind.-----	Indianapolis-----	18	37	51	54	55	61	61	69	73	74	70	68	46	60
Iowa-----	Des Moines-----	10	48	54	53	59	66	68	71	71	71	66	58	48	61
Kans.-----	Wichita-----	7	58	57	59	61	62	73	75	79	77	67	72	64	67
Ky.-----	Louisville-----	13	34	44	50	56	63	69	68	71	70	62	51	42	57
La.-----	New Orleans ¹ -----	45	49	51	57	64	68	67	61	63	65	72	62	48	61
Maine-----	Portland-----	20	54	60	58	56	56	62	68	66	63	59	48	56	59
Md.-----	Baltimore ¹ -----	57	48	56	59	61	64	65	63	63	64	63	55	49	59
Mass.-----	Boston-----	25	46	56	57	55	57	63	66	66	64	60	53	54	58
Mich.-----	Detroit-----	27	31	43	50	52	58	64	71	67	61	56	34	32	54
Minn.-----	Sault Ste. Marie-----	19	32	42	51	53	52	55	63	53	43	44	22	25	45
	Duluth-----	10	51	56	61	56	57	61	69	61	51	53	37	45	56
	Minneapolis-----														
	St. Paul-----	22	50	57	54	56	58	61	70	66	62	58	40	42	58
Miss.-----	Jackson-----	5	43	42	53	60	64	63	60	65	56	54	51	47	55
Mo.-----	Kansas City-----	27	50	54	56	58	62	69	76	73	71	68	59	51	64
	St. Louis-----	2	38	43	58	63	61	67	70	67	67	50	54	36	56
Mont.-----	Great Falls-----	19	54	61	66	64	64	63	80	78	68	61	47	51	65
Nebr.-----	Omaha-----	25	53	54	53	59	61	65	76	70	69	68	53	48	62
Nev.-----	Reno-----	18	64	68	71	76	78	83	91	93	91	80	71	61	78
N.H.-----	Concord-----	19	47	52	49	48	50	56	62	59	54	52	41	47	51
N.J.-----	Atlantic City ¹ -----	62	51	57	58	59	62	65	67	66	65	64	58	52	60
N. Mex.-----	Albuquerque-----	21	69	72	73	75	79	83	76	76	82	78	79	70	76
N.Y.-----	Albany-----	22	43	51	53	53	52	56	62	66	62	58	54	39	53
	Buffalo-----	17	33	41	49	52	59	68	71	68	62	55	30	31	52
	New York ¹ -----	67	51	57	59	60	61	64	65	63	64	63	56	50	60
N.C.-----	Charlotte-----	10	55	58	60	69	69	74	70	70	68	69	64	60	65
N. Dak.-----	Raleigh-----	6	58	58	60	62	59	62	68	66	58	56	64	63	61
Ohio-----	Bismarck-----	21	54	56	56	58	60	61	75	72	65	60	46	48	61
	Cincinnati ¹ -----	45	41	45	52	56	62	69	72	68	68	60	46	40	57
	Cleveland-----	19	26	33	45	51	57	64	68	66	61	55	33	29	49
	Columbus-----	9	35	40	46	53	59	67	70	73	72	63	47	36	55
Oklahoma-----	Oklahoma City-----	10	53	58	61	62	63	76	77	82	79	68	67	60	68
Oreg.-----	Portland ¹ -----	11	21	32	34	49	48	48	45	46	69	60	38	30	44
Pa.-----	Philadelphia-----	20	47	55	57	57	59	64	63	61	60	59	53	51	57
R.I.-----	Pittsburgh-----	8	38	40	53	53	57	65	66	65	68	59	50	40	54
S.C.-----	Providence-----	7	53	56	58	55	59	60	61	60	60	59	53	56	58
S. Dak.-----	Columbia-----	7	62	64	64	72	69	75	71	75	63	67	68	68	68
Tenn.-----	Sioux Falls ² -----	18	58	58	58	63	66	66	76	74	71	68	53	53	65
	Memphis-----	10	43	49	52	61	68	74	75	78	74	69	62	51	63
	Nashville-----	19	36	45	52	60	61	68	63	65	65	62	54	41	56
Tex.-----	Dallas-----	20	47	50	56	58	63	75	78	77	74	66	63	54	66
	El Paso-----	18	75	79	81	85	88	88	77	80	82	82	84	77	82
	Houston ¹ -----	22	46	44	51	54	63	70	69	68	64	67	57	48	59
Utah-----	Salt Lake City-----	23	47	53	61	68	73	79	82	82	84	73	56	46	69
Vt.-----	Burlington-----	17	35	44	49	46	52	58	63	62	53	48	20	31	48
Va.-----	Norfolk-----	7	58	60	60	64	66	70	65	62	63	68	61	62	62
	Richmond-----	10	49	54	57	63	65	69	70	65	64	58	54	52	60
Wash.-----	Seattle ¹ -----	27	27	34	42	48	52	48	62	55	52	56	26	28	45
W. Va.-----	Charleston ² -----	62	29	37	42	49	56	60	63	59	59	52	36	22	67
Wis.-----	Milwaukee-----	20	41	44	50	53	57	62	71	66	62	58	42	40	55
Wyo.-----	Cheyenne-----	25	61	63	63	68	57	66	69	66	70	69	62	58	64
P.R.-----	San Juan-----	5	60	72	74	64	61	53	61	64	49	65	67	59	68

¹ City office data.² Data not available; figures are for a nearby station.

Source: Department of Commerce, Weather Bureau; records.

Wind Speed

187

No. 241. AVERAGE HOURLY WIND SPEED, FOR SELECTED CITIES

(For period of record through 1960. Airport data unless otherwise noted. Values adjusted to represent observations taken at the present standard location. True velocities in miles per hour)

STATION	Length of record (yrs.)													Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Ala. Mobile	12	11.6	11.7	11.9	10.9	9.6	8.5	7.7	7.7	9.1	9.3	10.6	11.0	10.0
Alaska Juneau	17	8.4	8.4	8.9	8.7	8.0	5.9	6.2	5.6	5.2	4.8	4.4	4.2	5.3
Ariz. Phoenix	15	4.4	5.0	5.7	5.9	6.0	7.9	7.3	6.9	7.2	7.0	8.4	8.5	8.3
Ark. Little Rock	19	9.1	9.4	10.2	9.8	8.4	6.8	5.4	5.3	5.3	5.7	6.5	6.8	6.2
Calif. Los Angeles ¹	20	6.8	6.9	6.9	6.6	6.3	5.8	5.4	5.3	5.8	5.7	7.2	8.1	9.4
Sacramento ¹	12	9.9	9.4	10.4	9.7	10.3	11.1	10.3	9.8	8.7	7.9	6.2	6.5	8.8
San Francisco ¹	24	6.8	7.5	8.5	9.6	10.4	11.0	11.2	10.6	9.2	7.6	8.2	9.2	9.7
Colo. Denver	12	9.9	10.2	10.8	11.0	10.1	10.0	9.1	8.7	8.7	8.6	9.7	9.9	10.0
Conn. Hartford	6	11.2	11.2	11.8	11.7	10.7	9.4	8.5	8.5	9.4	9.6	9.8	8.6	8.7
Del. Wilmington	12	9.4	10.0	11.1	10.1	8.8	8.3	7.5	7.1	7.4	7.8	8.6	8.6	9.9
D.C. Washington	12	10.8	11.1	12.0	11.3	9.8	9.4	8.6	8.4	8.7	9.2	9.6	9.7	9.9
Fla. Jacksonville	11	8.4	9.7	9.5	9.4	9.0	8.7	7.8	7.6	9.0	9.1	8.4	8.4	8.8
Miami ¹	11	9.4	9.8	9.8	10.1	9.1	8.0	7.6	7.2	8.1	8.4	8.9	8.4	8.7
Ga. Atlanta	22	11.3	11.7	11.1	10.8	9.0	8.3	7.7	7.4	8.4	8.7	9.6	10.3	9.6
Hawaii Honolulu ¹	11	10.0	10.9	11.7	12.3	12.9	13.3	13.9	14.1	12.0	10.9	11.1	11.4	12.1
Idaho Boise	21	9.0	9.0	10.8	10.5	9.7	9.4	8.7	8.5	8.5	9.0	8.9	8.7	9.3
Ill. Chicago	18	11.0	11.4	11.6	11.4	10.1	8.9	7.7	7.6	8.6	9.3	11.5	10.9	10.0
Ill. Peoria	17	11.5	12.0	12.6	12.6	10.7	9.4	8.2	8.0	9.1	9.7	12.0	11.3	10.6
Ind. Indianapolis	12	12.2	12.3	12.8	12.8	11.0	9.2	8.0	7.8	8.8	9.8	12.2	11.6	10.7
Iowa Des Moines	11	12.2	12.6	14.1	14.4	12.3	11.4	9.8	9.4	10.5	11.5	13.7	12.8	12.1
Kans. Wichita	7	13.2	13.8	14.9	15.2	13.9	13.5	11.6	12.6	12.8	13.1	13.4	13.0	13.4
Ky. Louisville	13	10.2	10.0	10.7	10.4	8.1	7.4	6.7	6.0	7.0	7.1	9.5	9.8	8.5
La. New Orleans ¹	45	7.5	7.6	7.8	7.5	6.7	6.0	5.7	5.6	6.7	6.9	7.2	7.3	6.9
Maine Portland	20	9.5	9.8	10.3	10.2	9.2	8.8	7.7	7.5	8.0	8.8	9.1	9.2	9.0
Md. Baltimore ¹	24	10.8	10.8	11.5	11.3	10.0	9.5	8.8	8.6	8.9	9.2	10.0	9.0	9.0
Mass. Boston	3	14.4	15.1	14.2	12.7	11.5	11.3	10.4	10.4	10.4	10.9	12.0	13.1	12.5
Mich. Detroit	27	11.4	11.5	11.5	11.1	9.7	9.0	8.2	8.0	8.9	9.4	11.5	11.3	10.1
Minn. Sault Ste. Marie	19	10.2	10.4	10.8	11.2	10.5	9.1	8.4	8.3	9.2	9.8	10.7	10.4	9.9
Minn. Duluth	11	12.5	13.0	13.2	14.9	13.6	11.7	10.8	10.6	12.2	12.8	14.1	12.7	12.7
Minn. Minneapolis-St. Paul	22	10.5	10.9	11.5	12.7	11.7	11.1	9.5	9.8	10.5	10.5	10.8	11.6	10.7
Miss. Jackson	5	8.3	8.4	8.2	7.7	6.4	5.6	4.8	4.6	5.5	5.3	5.7	7.2	6.6
Mo. Kansas City	21	10.1	10.6	12.0	11.8	10.5	10.4	9.1	9.0	9.4	9.2	11.0	10.2	10.3
Mo. St. Louis	11	10.1	10.8	11.7	11.8	9.5	8.3	7.1	6.8	7.7	8.0	9.9	10.0	9.3
Mont. Great Falls	19	17.0	16.0	14.3	14.0	12.2	12.3	11.0	11.1	12.3	14.4	16.4	17.5	14.0
Nebr. Omaha	25	11.8	11.8	13.2	13.7	11.7	11.1	9.4	9.7	10.2	10.4	11.8	11.2	11.3
Nev. Reno	18	6.8	6.4	7.7	8.0	7.7	7.4	6.6	6.3	5.5	5.4	5.1	5.0	6.5
N.H. Concord	19	7.4	8.1	8.2	7.8	7.0	6.4	5.6	5.2	5.5	6.1	6.7	7.0	6.8
N.J. Atlantic City	2	13.9	14.8	14.9	12.9	11.9	10.8	10.3	9.9	10.4	12.4	13.0	12.6	12.3
N.Mex. Albuquerque	21	8.1	8.9	10.1	11.0	10.4	9.8	9.2	8.0	8.5	8.2	7.6	7.4	9.0
N.Y. Albany	22	9.9	10.7	10.6	10.5	9.0	8.1	7.3	6.8	7.4	8.0	8.9	9.0	8.9
N.Y. Buffalo	21	15.0	15.0	14.9	13.8	12.5	12.0	11.2	10.7	11.5	12.2	14.1	14.6	13.1
N.C. New York ¹	49	16.4	16.8	17.0	15.6	13.4	12.7	12.0	11.6	12.3	13.8	15.7	16.1	14.5
N.C. Charlotte	11	8.6	8.8	9.4	9.4	8.4	7.7	7.0	6.8	6.9	7.5	7.7	7.6	7.9
N.C. Raleigh	11	8.3	8.7	9.2	9.2	7.4	6.7	6.6	6.5	7.0	7.2	7.3	7.5	7.6
N. Dak. Bismarck	21	10.2	10.4	11.7	13.0	12.7	11.9	10.0	10.3	10.9	10.5	11.2	9.9	11.1
Ohio Cincinnati ¹	39	8.5	8.6	9.1	8.5	6.8	6.6	5.3	5.1	5.5	6.2	7.9	8.0	7.2
Ohio Cleveland	19	12.6	13.0	13.1	12.4	10.8	9.7	8.9	8.6	9.6	10.3	12.9	12.8	11.2
Ohio Columbus	11	10.1	10.2	10.6	10.0	8.1	6.9	5.9	5.7	6.4	7.1	9.5	9.2	8.3
Okl. Oklahoma City	12	15.0	14.6	16.2	16.2	14.3	14.2	12.1	11.7	12.6	13.2	13.9	14.2	14.0
Oreg. Portland ¹	12	10.2	8.8	8.3	7.1	6.4	6.4	7.1	6.5	5.7	6.1	7.9	8.6	7.4
Pa. Philadelphia	20	10.3	11.1	11.7	11.1	9.7	9.9	8.2	7.8	8.1	9.0	10.6	10.9	9.8
Pa. Pittsburgh	8	10.9	11.4	11.5	11.2	9.5	8.7	7.8	7.6	8.3	8.9	10.6	11.1	11.3
R.I. Providence	7	11.9	12.0	12.8	13.0	11.6	10.8	10.3	10.1	10.1	10.4	11.1	11.2	11.3
S.C. Columbia	12	7.2	7.6	8.8	8.8	7.1	6.7	6.7	6.0	6.3	6.0	6.2	6.4	6.1
S.Dak. Sioux Falls	12	11.1	11.2	12.6	13.4	11.9	10.6	9.4	9.2	10.1	10.9	12.4	10.9	11.1
Tenn. Memphis	12	11.6	11.1	11.7	11.2	9.2	8.3	7.6	7.0	7.8	8.0	9.9	10.4	9.5
Tenn. Nashville	19	9.0	9.1	9.6	9.1	7.2	6.7	6.0	5.7	6.1	6.0	8.2	8.3	7.6
Tex. Dallas	20	10.2	11.0	12.6	13.2	12.0	12.3	10.0	9.6	9.1	9.1	10.1	10.1	10.8
Tex. El Paso	18	10.4	11.3	13.2	13.0	12.4	11.4	10.1	9.6	9.4	9.4	10.0	9.9	10.1
Tex. Houston ¹	22	10.8	11.2	11.6	12.0	10.7	9.7	8.3	8.3	8.8	9.3	10.3	10.2	8.7
Utah Salt Lake City	31	7.5	8.2	9.1	9.4	9.4	9.4	9.4	9.4	9.7	9.0	8.5	7.6	9.2
Vt. Burlington	17	10.1	9.8	9.6	9.8	9.2	8.5	8.1	7.6	8.5	8.8	10.0	10.2	9.7
Va. Norfolk	12	11.5	11.8	12.3	11.7	9.6	9.0	8.4	8.7	9.3	10.5	10.6	10.6	10.3
Va. Richmond	12	8.2	8.5	9.1	9.0	7.6	7.3	7.0	6.7	7.0	7.2	7.5	7.7	7.5
Wash. Seattle	10	7.8	7.8	8.6	8.3	7.7	7.7	7.2	7.2	6.8	6.6	6.9	7.2	7.7
Wash. Spokane	13	7.9	8.7	9.3	9.2	8.2	8.4	7.8	7.7	7.5	7.5	7.7	8.3	8.2
W. Va. Charleston	13	8.0	8.3	9.1	8.1	8.1	8.6	8.5	8.3	8.4	8.5	9.4	7.4	8.7
Wis. Milwaukee	20	13.2	13.4	14.0	13.9	12.7	10.8	9.8	9.9	11.2	11.9	13.8	13.2	12.3
Wyo. Cheyenne	25	14.3	14.7	14.7	13.8	12.0	11.2	9.7	9.8	10.5	11.4	14.0	14.5	12.6
P.R. San Juan	5	8.5	8.8	8.7	8.9	8.6	8.8	9.8	9.4	7.8	7.6	8.3	8.3	8.3

¹ City office data.

Source: Department of Commerce, Weather Bureau; records.

No. 242. AVERAGE RELATIVE HUMIDITY

[For period of record through 1960. Airport data except as noted. Values adjusted to represent observations approximation of average highest and average lowest humidity values.

STATION	Length of rec- ord (yrs.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE		
		7:00 a.m.	1:00 p.m.											
Ala. Mobile	19	87	62	85	60	85	57	87	55	87	55	88	58	
Alaska. Juneau	17	79	79	80	79	82	77	85	72	89	72	87	72	
Ariz. Phoenix	22	74	47	71	41	61	33	59	27	43	20	39	19	
Ark. Little Rock	19	80	66	80	61	78	57	80	54	85	57	86	57	
Calif. Los Angeles ¹	20	65	46	70	46	74	46	78	50	81	52	85	54	
	Sacramento	21	60	81	88	74	85	64	85	57	82	51	77	45
	San Francisco	21	87	78	86	74	84	69	87	69	87	68	88	66
Colo. Denver	21	60	44	64	45	66	41	67	39	71	39	68	33	
Conn. Hartford	6	73	59	73	57	75	55	76	51	75	49	70	53	
Del. Wilmington	13	77	62	70	59	76	55	74	52	77	64	78	53	
D.C. Washington	19	74	67	71	51	71	49	70	46	76	51	75	53	
Fla. Jacksonville	24	88	56	80	52	85	40	84	48	82	48	85	54	
	Miami	18	86	55	86	56	83	56	81	56	81	59	83	63
Ga. Atlanta	12	82	63	81	56	79	54	79	49	81	50	83	53	
Hawaii. Honolulu	14	80	80	78	78	77	75	75	71	75	69	74	68	
Idaho. Boise	21	82	75	82	70	76	57	73	48	73	47	70	43	
Ill. Chicago	18	81	71	80	68	78	60	75	53	75	53	77	53	
	Pekoria	21	82	72	82	69	81	61	79	55	80	56	83	59
Ind. Indianapolis	21	83	72	82	68	82	61	80	57	81	57	87	58	
Iowa. Des Moines	21	79	71	81	70	82	64	79	54	81	56	84	60	
Kans. Wichita	7	80	64	80	60	77	53	78	40	84	56	84	53	
Ky. Louisville	13	81	68	80	62	78	56	78	51	82	52	88	64	
La. New Orleans ¹	38	85	67	85	64	83	60	84	59	76	59	83	60	
Maine. Portland	20	81	65	80	61	76	70	74	57	75	58	78	61	
Md. Baltimore ¹	60	72	58	70	56	69	53	65	50	67	51	70	58	
Mass. Boston	9	70	60	70	58	68	56	70	55	68	54	70	56	
Mich. Detroit	27	81	70	81	67	79	61	75	53	72	53	74	54	
	Sault Ste. Marie	10	84	78	85	75	85	69	80	61	80	57	85	63
Minn. Duluth	19	78	73	79	69	82	67	80	59	79	55	85	61	
	Minneapolis-St. Paul	22	81	71	81	68	80	64	76	53	76	51	80	56
Miss. Jackson	5	83	60	83	60	82	54	87	54	89	57	91	57	
Mo. Kansas City	27	78	65	77	61	75	56	74	51	79	53	79	55	
	St. Louis	3	82	70	78	64	81	61	74	52	81	57	80	56
Mont. Great Falls	19	67	62	69	62	71	59	67	45	70	45	73	48	
Nebr. Omaha	25	81	68	82	66	81	60	77	52	80	53	81	56	
Nev. Reno	21	82	67	81	61	77	46	73	37	75	34	75	30	
N.H. Concord	19	78	60	78	56	76	53	74	49	74	48	78	51	
N.J. Atlantic City	2	79	59	77	54	78	55	77	50	81	51	80	52	
N. Mex. Albuquerque	21	67	51	62	44	55	34	50	28	48	26	44	24	
N.Y. Albany	14	79	66	78	62	77	58	78	50	73	51	76	62	
	Buffalo	21	79	72	80	69	79	65	77	58	77	56	78	55
	New York ¹	72	72	72	70	69	69	66	69	54	71	56	74	58
N.C. Charlotte	21	82	67	79	51	70	50	78	46	79	48	81	50	
	Raleigh	16	82	67	81	53	79	49	79	47	81	51	83	52
N. Dak. Bismarck	21	77	71	79	71	83	69	82	52	79	48	83	54	
Ohio. Cincinnati	13	81	70	81	63	77	56	78	52	78	52	81	54	
	Cleveland	19	82	73	81	69	80	62	77	55	76	54	78	54
	Columbus	21	82	71	81	67	80	58	78	54	80	55	81	54
Okl. Oklahoma City	6	85	68	85	66	79	58	79	53	87	61	87	58	
Oreg. Portland	20	87	82	87	80	87	70	87	66	87	66	86	66	
Pa. Philadelphia	20	76	60	75	56	74	52	73	49	75	51	76	52	
	Pittsburgh	8	78	67	76	65	77	58	75	52	75	52	79	54
R.I. Providence	7	71	50	73	56	71	53	73	53	71	53	77	58	
S.C. Columbia	13	85	55	86	53	83	49	81	45	81	46	82	48	
S. Dak. Sioux Falls	12	72	63	75	64	77	65	76	47	78	49	82	53	
Tenn. Memphis	21	81	66	81	62	78	57	80	53	82	55	83	55	
	Nashville	21	84	68	83	62	81	57	81	50	84	53	84	52
Tex. Dallas	20	81	62	80	61	77	54	81	56	85	56	88	53	
	El Paso	21	63	44	54	36	45	29	40	26	40	23	44	26
	Houston ¹	20	86	66	88	65	85	59	89	60	92	59	91	58
Utah. Salt Lake City	20	81	70	79	64	74	51	69	42	67	36	62	31	
Vt. Burlington	19	80	69	78	65	76	56	74	54	72	53	75	55	
Va. Norfolk	12	77	60	77	57	74	53	75	51	78	56	78	56	
	Richmond	20	81	58	80	53	78	48	76	46	78	49	80	52
	Seattle	21	85	79	85	77	84	70	85	63	85	61	85	63
W. Va. Charleston	13	84	81	84	77	80	65	75	53	77	51	74	48	
W. Ia. Milwaukee	20	77	71	77	69	79	65	78	58	77	60	80	61	
Wyo. Cheyenne ¹	25	62	48	65	49	70	49	74	47	78	46	75	41	
P.R. San Juan	5	86	66	84	63	83	60	81	65	81	67	82	67	

¹ City office data.

Source: Department of Commerce, Weather Bureau; records.

(PERCENT), FOR SELECTED CITIES

taken at present standard location. Eastern standard time. Hours selected to give, for most of country,
Relative humidity observations were made on the half-hour prior to 1957]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATION
7:00 a.m.	1:00 p.m.													
60	64	91	60	60	61	87	54	84	54	86	61	87	58	Ala... Mobile.
68	70	90	81	91	86	88	85	85	84	82	82	86	70	Alaska Juniper.
52	31	61	36	56	30	60	33	66	34	70	44	59	33	Ariz... Phoenix.
86	58	87	55	86	53	85	52	81	55	82	63	83	57	Ark... Little Rock.
84	49	84	49	79	47	76	47	60	38	61	42	75	47	Calif... Los Angeles. ¹
70	47	78	49	75	47	77	54	85	68	80	81	82	60	Sacramento. ¹
90	69	90	70	87	68	86	60	86	72	87	77	87	71	San Francisco. ¹
66	32	67	32	63	32	62	34	60	39	69	41	64	38	Colo... Denver.
84	55	83	55	89	57	88	57	81	57	79	62	80	56	Conn... Hartford.
81	53	84	57	86	56	85	55	82	57	77	60	80	56	Del... Wilmington.
77	53	81	54	82	54	82	54	77	52	72	54	76	52	D.C... Washington.
86	57	89	50	90	62	90	57	89	55	88	58	87	55	Fla... Jacksonville.
84	64	86	68	88	66	88	64	87	61	86	59	85	60	Miami.
87	58	87	54	87	57	86	54	80	52	80	59	83	55	Ga... Atlanta. ¹
74	69	75	70	75	70	76	72	78	74	78	76	76	73	Hawaii Honolulu.
53	34	52	34	53	39	68	49	80	66	84	76	71	63	Idaho Boise.
78	51	82	53	82	50	80	52	79	62	80	69	79	58	Ill... Chicago.
84	55	88	57	86	54	84	64	82	64	83	70	83	61	Pearl.
85	56	88	59	84	54	80	52	80	63	81	70	82	61	Ind... Indianapolis.
80	40	78	46	76	47	81	53	74	49	78	56	79	53	Iowa Des Moines.
85	54	88	64	86	50	87	52	79	50	81	64	82	56	Kans Wichita.
84	63	85	63	85	62	82	59	82	60	85	60	84	62	Ky... Louisville.
80	58	83	58	80	61	86	50	80	65	81	62	81	61	La... New Orleans. ¹
71	52	74	55	75	56	74	53	72	55	71	58	71	54	Maine Portland.
72	54	75	56	77	56	78	57	75	56	68	56	72	56	Md... Baltimore. ¹
75	51	80	53	83	53	83	55	80	64	81	70	79	59	Mass Boston.
88	62	91	62	92	67	89	66	87	76	86	78	89	68	Mich Detroit.
88	61	91	63	92	64	87	62	85	75	80	74	84	65	Minn Duluth.
82	54	85	56	85	55	81	55	81	67	82	73	81	60	Minneapolis-St. Paul.
91	58	92	57	91	59	90	57	85	55	84	59	87	57	Miss Jackson.
77	49	78	61	79	49	76	49	74	55	77	63	77	55	Kansas City.
85	59	87	58	85	55	84	57	77	58	77	63	81	59	St. Louis.
63	36	62	38	63	43	63	47	66	57	65	59	67	50	Mont Great Falls.
81	52	84	50	83	52	79	50	78	57	81	65	81	57	Nebr Omaha.
72	26	74	26	76	32	78	42	80	54	82	67	77	44	Nev Reno.
80	50	88	52	88	54	86	51	84	50	79	58	80	53	N.H Concord.
86	50	90	63	89	59	85	57	85	57	88	58	82	56	N.J Atlantic City.
59	33	55	38	54	34	60	37	60	41	66	51	58	37	N.M Albuquerque.
77	51	84	52	88	55	87	55	81	63	80	65	79	57	N.Y Albany.
79	53	82	54	83	50	82	58	80	69	76	62	73	59	Buffalo.
76	58	78	60	78	60	75	59	73	61	72	62	78	59	New York. ¹
86	55	88	55	87	55	87	51	84	51	81	56	83	52	N.C Charlotte.
87	56	91	58	89	58	90	54	79	52	76	54	83	53	Raleigh.
84	50	84	48	82	49	81	51	82	67	79	71	81	53	N. Dak Bismarck.
84	54	85	52	85	50	83	52	77	57	89	66	81	57	Ohio Cincinnati.
80	53	83	55	83	54	82	55	80	64	80	70	70	60	Cleveland.
83	52	86	52	87	51	86	53	82	62	82	69	82	58	Columbus.
84	53	82	49	80	50	83	55	73	48	78	59	82	57	Okla Oklahoma City.
84	62	85	65	88	67	91	80	89	82	88	84	87	73	Oreg Portland. ¹
79	52	82	55	84	53	83	53	80	55	76	58	78	54	Pa Philadelphia.
83	54	86	56	85	53	83	56	88	58	87	66	81	57	Pittsburgh.
80	57	81	58	84	59	83	56	78	56	73	57	76	56	R.I Providence.
86	52	89	52	90	55	91	51	88	48	85	53	89	51	S.C Columbia.
83	51	85	53	80	49	75	49	74	54	75	64	78	55	S.Dak Sioux Falls.
86	56	87	54	85	53	85	50	81	54	81	62	82	56	Tenn Memphis.
86	55	89	55	88	51	88	52	84	57	84	61	85	56	Nashville.
80	50	78	48	81	49	82	51	79	51	78	58	80	54	Tex Dallas.
59	36	63	39	66	37	58	37	56	36	61	42	53	34	E.Paso.
92	53	93	59	91	59	89	56	86	58	87	64	89	60	Houston. ¹
54	27	55	28	59	81	69	42	78	57	82	69	69	46	Utah Salt Lake City.
76	54	80	55	83	50	83	60	81	67	80	69	78	60	Vt Burlington.
81	58	85	62	83	61	84	62	81	55	78	58	79	57	Va Norfolk.
84	56	87	57	89	55	89	53	84	50	82	55	82	53	Richmond.
84	62	86	67	89	72	90	79	89	81	86	83	88	71	Wash Seattle. ¹
64	38	63	42	69	47	82	67	86	78	88	84	77	61	Spokane.
88	62	92	56	90	52	89	53	78	54	77	60	82	56	W.Va Charleston.
82	69	84	60	84	58	82	59	81	66	78	70	80	63	Wis Milwaukee. ¹
73	35	70	35	68	37	66	39	62	44	61	47	60	43	Wyo Cheyenne. ¹
81	67	82	66	83	68	85	67	80	60	87	68	83	66	P.R. San Juan.

No. 243. NORMAL MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE, FOR SELECTED CITIES

[Airport data unless otherwise noted. Based on standard 30-year period (1931 to 1960)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala... Mobile	422	314	226	51	0	0	0	0	0	31	234	381	1,650
Alaska... Juneau	1,287	1,070	1,078	810	601	381	301	338	483	725	921	1,185	9,075
Ariz... Phoenix	443	302	189	57	0	0	0	0	0	16	207	384	1,598
Ark... Little Rock	756	577	434	126	9	0	0	0	0	9	127	465	716
Calif... Los Angeles ¹	310	230	202	123	68	18	0	0	0	6	31	132	220
Sacramento ¹	561	392	310	173	76	0	0	0	0	0	62	312	533
San Francisco ¹	443	336	319	279	239	180	102	174	102	118	231	388	3,001
Colo... Denver	1,085	910	840	528	279	60	0	9	105	403	774	989	5,982
Conn... Hartford	1,100	1,042	908	519	205	33	0	12	117	394	714	1,101	6,235
Del... Wilmington	980	874	735	387	112	6	0	0	51	270	588	927	4,030
D.C... Washington	871	762	626	288	74	0	0	0	33	217	519	834	4,224
Fla... Jacksonville	332	246	174	21	0	0	0	0	0	12	144	310	1,230
Miami	74	56	19	0	0	0	0	0	0	0	0	65	214
Ga... Atlanta	636	518	428	147	25	0	0	0	18	124	417	648	2,961
Hawaii... Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0
Idaho... Boise	1,128	868	738	453	254	96	0	0	120	884	777	1,017	5,835
Ill... Chicago	1,206	1,030	890	477	208	42	0	0	75	316	750	1,110	6,113
Peoria	1,218	1,025	849	420	183	33	0	6	87	326	759	1,113	6,025
Ind... Indianapolis	1,113	949	809	432	177	39	0	0	90	316	723	1,051	5,699
Iowa... Des Moines	1,356	1,123	920	453	190	36	0	6	96	347	813	1,104	6,542
Kans... Wichita	1,023	804	645	270	87	6	0	0	38	229	618	905	4,820
Ky... Louisville	946	818	682	315	105	9	0	0	63	287	624	905	4,724
La... New Orleans	338	232	171	18	0	0	0	0	0	0	147	276	1,182
Maine... Portland	1,339	1,182	1,042	676	372	111	12	53	195	508	807	1,215	7,511
Md... Baltimore ¹	859	702	629	283	65	0	0	0	27	189	488	806	4,111
Mass... Boston	1,088	972	846	613	208	36	0	0	60	316	603	988	5,634
Mich... Detroit	1,181	1,058	936	537	236	48	0	0	98	360	738	1,088	6,275
Minn... Saint Paul	1,541	1,394	1,293	825	493	213	109	118	264	611	981	1,383	9,255
Duluth	1,745	1,504	1,339	825	474	186	65	99	315	648	1,146	1,581	9,027
Minneapolis-St. Paul	1,631	1,375	1,189	609	279	84	16	31	186	524	1,035	1,463	8,392
Miss... Jackson	546	414	310	87	0	0	0	0	0	65	315	502	2,239
Mo... Kansas City	1,023	812	651	270	93	0	0	0	24	186	573	887	4,619
Mont... Great Falls	1,333	1,140	1,048	327	353	171	22	47	249	512	891	1,138	7,531
Nebr... Omaha	1,324	1,078	871	405	164	30	0	6	90	326	783	1,141	6,218
Nev... Reno	1,024	843	778	537	350	171	34	68	171	477	789	998	6,240
N.H... Concord	1,358	1,184	1,032	636	298	75	6	50	177	505	822	1,240	7,388
N.J... Atlantic City	936	848	741	420	133	15	0	0	39	251	549	880	4,812
N.Mex... Albuquerque	930	703	580	288	81	0	0	0	12	214	627	868	4,303
N.Y... Albany	1,811	1,156	992	564	289	46	0	19	188	440	777	1,104	6,875
Buffalo	1,287	1,173	1,070	660	344	78	19	37	141	440	792	1,172	7,218
New York ¹	986	882	760	408	118	9	0	0	30	233	540	893	4,862
N.C... Charlotte	670	568	465	183	22	0	0	0	12	136	423	676	3,125
N.Dak... Bismarck	1,739	1,470	1,234	660	338	117	25	25	222	588	1,098	1,494	9,005
Ohio... Cincinnati ¹	970	837	701	336	118	0	0	0	54	248	612	921	4,806
Cleveland	1,159	1,033	918	552	260	66	6	28	123	416	768	1,104	6,432
Columbus	1,057	921	778	411	168	27	0	6	72	322	684	1,008	5,444
Okl... Oklahoma City	884	678	530	213	50	0	0	0	15	174	513	781	3,844
Oreg... Portland ¹	709	594	536	351	198	78	12	16	75	287	584	679	4,100
Pa... Philadelphia	1,016	862	716	375	99	0	0	0	48	251	570	911	4,848
Pittsburgh	1,119	1,002	874	480	195	39	0	9	105	376	728	1,063	5,987
R.I... Providence	1,110	988	868	534	286	51	0	16	96	372	600	1,023	5,954
S.C... Columbia	570	470	357	81	0	0	0	0	0	84	346	577	2,484
S.Dak... Sioux Falls	1,544	1,285	1,082	573	270	78	19	25	168	462	972	1,361	7,839
Tenn... Memphis	713	571	440	135	16	0	0	0	15	127	432	667	3,116
Nashville	778	644	512	189	40	0	0	0	30	158	495	732	3,578
Tex... Dallas	601	440	319	90	6	0	0	0	0	62	321	524	2,363
El Paso	654	431	319	165	0	0	0	0	0	68	384	617	2,578
Houston ¹	363	258	174	30	0	0	0	0	0	165	288	1,278	
Utah... Salt Lake City	1,141	896	703	458	248	87	0	0	75	388	804	1,035	5,890
Vt... Burlington	1,451	1,277	1,110	694	295	66	16	43	171	508	846	1,302	7,739
Va... Norfolk	738	655	583	216	37	0	0	0	0	136	408	698	3,421
Richmond	815	703	577	246	56	0	0	0	36	202	495	784	3,914
Wash... Seattle ¹	738	599	577	396	242	117	50	47	129	320	543	657	4,424
Spokane	1,231	980	834	531	298	147	19	34	189	508	804	1,097	6,762
W. Va... Charleston	880	770	639	300	102	9	0	0	66	254	570	849	4,445
Wis... Milwaukee	1,376	1,193	1,054	642	372	135	43	47	174	471	876	1,252	7,636
Wyo... Cheyenne	1,212	1,042	1,026	702	428	150	28	37	219	543	909	1,085	7,381
P.R... San Juan ¹	0	0	0	0	0	0	0	0	0	0	0	0	0

¹ City office data.

Section 7

Public Lands; Parks; and Recreation

Statistics in this section relate to the Federal public domain and other Federally owned and leased real property, national parks and forests, State and municipal parks, foreign and domestic travel, and other forms of recreation.

Public lands statistics are published primarily by the Department of the Interior, Bureau of Land Management, in the *Annual Report of the Director*. Data on Federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World*. The Economic Research Service of the Department of Agriculture also compiles and issues statistics on land use and land ownership.

The National Park Service of the Department of the Interior publishes information on national parks in its annual report, *Areas Administered by the National Park Service* and its monthly report, *Public Use, National Parks and Related Areas*; and on State park systems in its annual report, *State Park Statistics*. Data for municipal parks and playgrounds, as well as for other outdoor recreational activities, have been compiled by a private agency, Resources for the Future, Inc., Washington, D.C., and published in *Statistics on Outdoor Recreation* (1958). The Forest Service collects and issues in its *Annual Report of the Chief*, figures for recreational uses of the national forests. The Fish and Wildlife Service compiles data for hunting and fishing. Figures on expenditures for recreation and on domestic and foreign travel are compiled by the Department of Commerce and appear periodically in the monthly *Survey of Current Business* and in other reports.

Public-domain and acquired lands.—The U.S. Government acquired sovereignty over its present land area through a series of international agreements and treaties, but did not gain title to all of this land by such agreements. At the time of acquisition of U.S. sovereignty over the areas involved (now 2,271 million acres) title to about 403 million acres rested in individual States and their political subdivisions or in private owners, and was not relinquished to the U.S. Government. Title to the remaining land area passed to the U.S. Government. This area, with the exception of lands in the District of Columbia, is known as the original public domain.

Public-domain lands or public lands refer to those Federally owned lands to which the general body of public land laws applies. In general, these lands include that portion of the original public domain not disposed of under the public land laws, and certain other lands declared by the Congress specifically to be public lands.

In addition to the original public domain, the U.S. Government has from time to time acquired, by purchase, condemnation, and gift, tracts of land needed for public purposes. Such lands are referred to as acquired lands, to distinguish them from public-domain lands.

Indian lands.—Indian lands refer to public-domain lands ceded to the Government by Indian tribes on condition that proceeds from their sale or other disposition would be earmarked in the Treasury as in trust for the Indians.

Entries, selections, patents, and certifications.—The data on entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to

public lands which have been accepted as properly filed. Some types of applications, however, are not reported until the final certificate is issued. Applications become final entries (perfected entries) upon issuance of a final certificate to the applicant after he has complied fully with the requirements of the laws relating to his application. A final certificate passes equitable title to the land to the applicant. Patents are instruments which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series J 3-9") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 244. ACQUISITION AND EXTENT OF PUBLIC DOMAIN OF THE UNITED STATES: 1781 TO 1960

[Areas are as computed in 1912; hence do not agree with figures in square miles shown in table 218, which includes later adjustments and reflects subsequent remeasurement. See also *Historical Statistics, Colonial Times to 1957*, series J 3-9]

ITEM	ACQUISITION OF THE ORIGINAL PUBLIC DOMAIN			Estimated area of the public domain (selected years) ¹
	Total area	Land area	Water area	
	Acres	Acres	Acres	
Aggregate.....	1,837,762,560	1,807,681,920	30,080,640	Acres
1960, estimate of public domain.....				718,000,000
1955, estimate of public domain.....				770,000,000
1958, estimate of public domain.....				410,000,000
1955, estimate of public domain.....				411,000,000
1960, estimate of public domain.....				418,000,000
1946, estimate of public domain.....				418,000,000
1912, estimate of public domain.....				800,000,000
1880, estimate of public domain.....				800,000,000
1867, Alaska Purchase.....	375,298,000	385,481,800	9,814,400	
1853, Gadsdon Purchase.....	18,088,800	18,901,920	26,880	
1850, estimate of public domain.....				1,200,000,000
1850, Purchase from Texas.....	78,926,720	78,842,880	83,840	
1848, Mexican Cession ²	338,680,960	334,479,360	4,201,600	
1846, Oregon Compromise.....	183,380,240	180,644,480	2,741,760	
1819, Cession from Spain.....	46,144,640	43,342,720	3,801,920	
Red River Basin ³	29,001,920	29,006,880	535,040	
1803, Louisiana Purchase ⁴	629,911,680	523,446,400	6,465,280	
1802, estimate of public domain.....				200,000,000
1781-1802 (State Cessions).....	236,825,600	233,415,680	3,400,920	

¹ Estimated from imperfect data available for indicated years. Beginning 1950, includes Alaska.

² Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession.

³ Includes 33,020 acres subsequently recognized as part of State of Texas which is not a public domain State.

⁴ Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and exact date of its acquisition. Some hold it as part of Louisiana Purchase, others maintain it was acquired from Great Britain.

Source: Department of Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.*, 1922.

NO. 245. TOTAL LAND AND FEDERALLY OWNED LAND AND BUILDINGS, BY ACQUISITION AND COST, 1955 TO 1961, AND BY STATES, 1961

[Land in thousands of acres; cost in millions of dollars. As of June 30. Beginning 1959, includes Alaska, except as noted, and beginning 1960, includes Hawaii]

STATE	LAND						FEDERALLY OWNED BUILDINGS	
	Total	Not owned by Federal Government	Owned by Federal Government				Number	Cost
			Total ¹	Acres	Percent	Public domain	Acquired by other methods	Cost ²
1955	1,903,825	1,495,929	407,895	21,4		357,210	50,680	2,369
1957	1,903,825	1,495,272	408,553	21,5		358,657	49,806	2,512
1958	1,903,825	1,495,634	408,191	21,4		359,342	49,849	2,552
1959 ³	2,269,306	1,500,666	708,640	33.8		718,642	49,998	2,752
1960	2,273,407	1,501,894	771,512	33.9		720,004	51,608	2,056
1961								
Total	2,271,343	1,503,577	767,766	33.8		710,877	56,889	3,146
Ala.	32,678	31,598	1,080	3.3		62	1,018	53
Alaska	365,482	4,315	361,167	98.8		361,150	17	1
Ariz.	72,688	42,808	29,880	41.1		29,585	295	10
Ark.	33,599	30,558	3,042	9.1		1,075	1,967	56
Calif.	100,207	50,604	49,703	49.0		42,499	7,204	347
Colo.	66,486	42,704	23,781	35.8		22,781	1,001	34
Conn.	3,135	3,129	7	0.2		7	18	988
Del.	1,266	1,235	31	2.5		31	5	953
D.C.	39		28	11		11	132	2,092
Fla.	34,721	31,350	3,372	9.7		304	3,068	42
Ga.	37,295	35,256	2,040	5.5			2,040	88
Hawaii	4,106	3,840	266	6.5		266	22	13,740
Idaho	62,933	18,992	33,941	64.1		33,206	735	24
Ill.	35,795	35,364	431	1.2		1	431	70
Ind.	23,158	22,818	340	1.5		(4)	340	25
Iowa	35,860	35,731	130	0.4		(4)	130	16
Kans.	52,511	52,125	385	0.7		27	369	45
Ky.	25,512	24,476	1,036	4.1			1,036	96
La.	28,868	27,813	1,055	3.7		27	1,028	38
Maine	19,848	19,721	127	0.6			127	7
Md.	6,319	6,137	182	2.9			182	319
Mass.	5,035	4,979	50	1.1			50	12,578
Mich.	36,492	33,247	3,245	8.9		290	2,955	24
Minn.	51,208	47,842	3,303	6.6		1,449	1,914	16
Miss.	30,223	28,708	1,515	5.0		8	1,507	45
Mo.	44,248	42,557	1,691	3.8		3	1,688	52
Mont.	93,271	65,563	27,708	29.7		25,257	2,451	20
Nebr.	49,032	48,321	711	1.5		251	460	24
Nev.	70,264	69,670	60,594	86.3		60,124	471	4
N.H.	5,769	5,066	703	12.2			703	16
N.J.	4,813	4,711	102	2.1			102	45
N. Mex.	77,766	52,212	25,554	32.9		24,288	1,260	15
N.Y.	30,681	30,458	223	0.7			223	124
N.C.	31,403	29,500	1,894	6.0			1,894	63
N. Dak.	44,482	42,480	1,973	4.4		211	1,701	68
Ohio	26,222	26,014	208	0.8		(4)	208	70
Okla.	44,088	42,902	1,186	2.7		176	1,009	88
Oreg.	61,590	29,580	32,013	52.0		30,490	1,543	198
Pa.	28,804	28,229	575	2.0			575	103
R.I.	677	660	8	1.1			8	7
S.C.	19,374	18,245	1,129	5.8			1,129	54
S. Dak.	48,982	45,531	3,351	6.9		1,605	1,746	97
Tenn.	26,728	25,182	1,545	5.8			1,545	203
Tex.	168,218	165,514	2,704	1.6		2,704	212	30,293
Utah	52,697	17,237	35,460	67.3		34,939	501	17
Vt.	5,937	5,684	253	4.3			253	8
Va.	25,496	23,362	2,134	8.4			2,134	119
Wash.	42,604	30,149	12,545	29.4		11,148	1,402	162
W. Va.	15,411	14,460	960	0.2			960	31
Wis.	35,011	33,228	1,783	5.1			20	1,242
Wyo.	62,343	31,758	30,685	49.1		29,907	679	18
								3,729
								3,688

¹ Excludes trust properties.

² Excludes valuation for public domain lands for which there are no costs.

³ Excludes Department of Defense military functions in Alaska.

⁴ Less than 500 acres.

No. 246. OWNERSHIP OF LAND, BY CLASS: 1954 AND 1959

[Land in millions of acres. Excludes Alaska and Hawaii. Compiled from State and Federal reports and records. See also table 856. See also *Historical Statistics, Colonial Times to 1957*, series J 65 and J 75]

CLASSES	1954		1959	
	Land	Percent	Land	Percent
	1,904	100.0	1,902	100.0
Total.....				
Private land ¹	1,345	70.6	1,343	70.8
Private land assessed as acreage for taxation.....	1,328	69.7	(3)	(3)
Urban areas assessed as lots.....	12	0.6	(3)	(3)
Areas not assessed (estimated).....	5	0.3	(3)	(3)
Indian land.....	56	3.0	54	2.7
Public land ²	564	28.4	505	26.5
Federal land ³	405	21.3	407	21.3
State land.....	81	4.2	80	4.2
County and municipal land (estimated).....	18	0.9	18	1.0

¹ Comprises land owned by individuals, partnerships, and corporations.

² Highway and road rights-of-way are partly covered in public land areas and partly in private land areas.

³ Not available.

Source: General Services Administration.

Source: Department of Agriculture, Economic Research Service.

No. 247. FEDERAL REAL PROPERTY—LAND, BUILDINGS, AND COST, BY AGENCY: 1960 AND 1961

[As of June 30. Covers Federally owned real property throughout world. Minus sign (--) denotes decrease]

AGENCY	LAND (1,000 acres)			FLOOR AREA OF BUILDINGS (1,000 sq. ft.)			TOTAL COST OF LAND, BUILDINGS, STRUCTURES, AND FACILITIES (\$1,000,000)		
	1960	1961	Net change	1960	1961	Net change	1960	1961	Net change
Total.....	772,048	768,234	-3,764				52,618	55,979	3,361
Agriculture.....	186,053	186,575	522	20,356	20,020	-264	1,061	1,230	168
Atomic Energy Commission.....	2,088	2,106	18	74,201	73,919	-281	3,167	3,246	79
Commerce.....	8	9	2	10,176	10,145	-31	178	175	(1)
Defense.....	29,810	27,846	-1,963	1,928,832	1,964,076	35,245	36,706	39,244	2,538
Army.....	8,546	8,485	-61	2,790,054	2,786,675	-3,378	9,687	10,228	541
Air Force.....	12,487	10,323	-2,164	2,564,351	2,604,477	40,126	12,935	14,056	1,121
Navy.....	3,605	3,075	-530	2,563,120	2,561,010	-1,219	9,281	9,689	408
Corps of Engineers, civil functions.....	5,173	5,304	131	11,378	11,094	-284	4,803	5,271	468
General Services Administration.....	25	18	-12	121,092	131,305	9,313	1,326	1,451	125
Housing and Home Finance Agency.....	1	1	(1)	1,112	1,026	-86	17	12	-5
Interior.....	552,630	550,304	-2,335	41,702	43,120	1,418	4,506	4,705	198
Post Office.....	2	2	---	46,786	47,114	328	491	507	15
Tennessee Valley Authority.....	696	696	-1	2,704	2,880	95	1,753	1,818	65
Treasury.....	86	81	-5	14,231	13,996	-235	221	232	11
Veterans Administration.....	29	28	-1	114,796	115,031	235	1,106	1,216	20
Other.....	612	624	11	68,103	72,715	4,612	1,937	2,083	146

¹ Less than 500.

² Excludes floor area pertaining to Department of Defense military functions outside conterminous United States.

Source: General Services Administration; annual report, *Inventory Report on Real Property Owned by the United States Throughout the World*.

No. 248. FEDERAL REAL PROPERTY—LAND, BUILDINGS, AND COST, BY AGENCY AND LOCATION: 1961

[As of June 30]

AGENCY	LAND (1,000 ACRES)			Number of buildings	COST (\$1,000,000)			Structures and facilities
	Total	Urban	Rural		Total	Land	Buildings	
Total	768,281				55,979			
Inside U.S.¹	787,766							
Agriculture	186,542	1	186,540	22,808	1,227	191	104	927
Atomic Energy Comm.	2,106	115	1,991	6,956	3,242	74	1,041	1,228
Commerce	9	2	7	980	175	27	64	84
Defense	27,762	1,120	26,636	335,657	33,845	1,829	15,382	16,633
Army	8,468	234	8,284	143,015	9,327	225	5,331	3,772
Air Force	10,285	115	10,171	102,826	10,848	178	5,783	4,887
Navy	3,045	739	2,900	84,488	8,399	233	4,187	3,920
Corps of Engineers, civil functions	5,364	28	5,325	5,329	5,270	1,143	81	4,040
General Services Adm.	13	8	5	2,422	1,451	209	1,174	68
Housing and Home Finance Agency	1	1	(2)	276	12	1	4	7
Interior	550,278	30	550,248	30,688	4,754	401	284	4,069
Post Office	2	2	(2)	3,040	505	101	403	
Tenn. Valley Authority	696	(2)	695	707	1,818	188	18	1,613
Treasury	81	6	75	3,931	220	11	116	93
Veterans Administration	28	15	13	7,272	1,215	38	1,014	163
Other	250	6	242	6,017	1,191	74	755	362
Outside U.S.	518				6,324			
In outlying areas	513			4,208	1,838			
Civilian agencies	420				677	26	106	545
Defense—military functions								
Army	85			(3)	1,161	(3)	(3)	(3)
Navy	18			(3)	140	(3)	(3)	(3)
Air Force	30			(3)	690	(3)	(3)	(3)
Defense—Corps of Engineers, civil functions	(2)			20	1	(2)	1	(2)
In foreign countries	4			2,259	248	51	158	38
Civilian agencies	4				4,238	(3)	(3)	(3)
Defense—military functions	(3)				761	(3)	(3)	(3)
Army	(3)				610	(3)	(3)	(3)
Navy	(3)				2,867	(3)	(3)	(3)
Air Force	(3)							

¹ Includes Alaska and Hawaii. ² Less than 500 acres.³ Data not furnished by Department of Defense for its military functions outside the United States.

No. 249. FEDERALLY OWNED LAND, BY PREDOMINANT USAGE, BY AGENCY: 1961

[In thousands of acres. As of June 30. Includes Alaska and Hawaii]

AGENCY	Forest and wildlife	Grazing	Military, except air-fields	Parks and historic sites	Reclamation and irrigation	Flood control and navigation	Power development and distribution	Air-fields	Other
Total	512,086	166,440		17,068	22,392	7,916	5,674	1,864	2,447
Agriculture	160,598	10,295		(1)					648
Atomic Energy Commission									2,106
Defense									
Army			17,067			4,840	521	2,351	2,983
Air Force			6,575					5	1,888
Navy			7,510					1,915	850
Corps of Engineers, civil functions			2,073					430	242
General Services Administration						4,840	521		3
Interior	345,487	147,144	1	(1)	22,391	7,916	(1)	23	(1)
Tennessee Valley Authority						661	1,318		13
Other						(1)	150	26	25,997
								97	123

¹ Less than 500 acres.Source of tables 248 and 249: General Services Administration; annual report, *Inventory Report on Real Property Owned by the United States Throughout the World*.

Public Lands; Parks; and Recreation

No. 250. FEDERAL REAL PROPERTY—LAND AND BUILDINGS OWNED AND LEASED AND ANNUAL RENTAL ON LEASED PROPERTY, BY LOCATION AND FUNCTION: 1961

[As of June 30]

LOCATION AND FUNCTION	LAND (1,000 acres)			FLOOR AREA OF BUILDINGS (1,000 sq. ft.)			LEASED PROPERTY	
	Total	Federally owned	Leased	Total	Federally owned	Leased	Number of leases	Annual rental (\$1,000)
Total, worldwide	770,078	768,284	1,794	(1)	(1)	(1)	(1)	103,359
Civil agencies	740,528	740,438	90	634,889	531,881	103,008	41,564	158,005
Defense:								
Military functions	24,165	22,483	1,682	(1)	(1)	(1)	(1)	34,794
Civil functions	5,385	5,363	22	11,399	11,094	305	240	560
In United States ¹	769,459	767,766	1,693	2,568,754	2,467,159	101,595	48,124	160,180
Civil agencies	740,091	740,005	86	594,583	503,083	91,500	37,565	140,144
Defense:								
Military functions	28,933	22,398	1,585	1,062,852	1,053,082	9,790	10,319	19,476
Civil functions	5,385	5,363	22	11,319	11,014	305	240	560
In outlying areas of United States	517	513	4	(1)	(1)	(1)	(1)	720
Civil agencies	430	428	2	14,397	13,994	403	263	609
Defense:								
Military functions	87	85	2	(1)	(1)	(1)	(1)	111
Civil functions				80	80			
In foreign countries	102	4	97	(1)	(1)	(1)	(1)	32,459
Civil agencies	7	4	2	25,908	14,804	11,104	3,736	17,252
Defense: Military functions	95		95	(1)	(1)	(1)	(1)	15,207

¹ Not available.² Includes Alaska and Hawaii.Source: General Services Administration; annual report, *Inventory Report on Real Property Leased to the United States Throughout the World*.

No. 251. DISPOSAL OF PUBLIC LANDS: 1901 TO 1961

[For years ending June 30. Data include Alaska, except where noted. Period figures are totals, not averages. See also *Historical Statistics, Colonial Times to 1957*, series J 11-18]

PERIOD OR YEAR	Cash receipts of Bureau of Land Management ¹	Land granted to States ²	ALL ENTRIES, SELECTIONS, PATENTS, ETC. ³			HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS		
			All original entries and selections ⁴	All final entries	Patents and certifications	Original entries	Acreage	Final entries ⁵
			1,000 dollars	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1901-1910	94,095	20,300	1,000	1,000	1,000	831,841	130,737	38,819
1911-1920	67,023	6	156,402	9,778	18,327	554,026	123,826	74,316
1921-1930	104,454	409	61,231	45,513	66,358	172,503	53,460	40,301
1931-1940	57,984	478	10,200	14,243	18,350	44,554	16,925	13,017
1941-1945	58,428		404	1,087	3,350	1,233	159	704
1946-1950	141,464		496	438	1,726	2,456	306	146
1951-1955	407,452		1,101	1,029	2,081	2,289	239	220
1956-1960	902,014		2,075	1,358	3,466	3,899	501	233
1955	239,549		251	250	539	482	60	37
1956	154,781		151	267	629	455	57	40
1957	112,050		180	279	561	662	79	64
1958	127,385		146	267	916	524	70	43
1959	136,721		303	280	850	1,181	147	41
1960	371,068		1,295	270	511	1,077	148	46
1961	153,246		2,210	461	482	615	77	39

¹ Comprises receipts from such sources as following: Sales of public and ceded Indian lands; fees and commissions; mineral rentals, royalties, and bonuses; sales of timber; grazing fees and rentals; and land rentals. For periods prior to 1901, receipts were \$340,821,000.² Excludes data for Alaska. As of June 30, 1961, process of legal adjudication had not yet been completed for all grants, so small change in data for certain years may occur. For period 1802-1900, total land granted to States was 156,044,000 acres. Includes grants for such public purposes as following: Educational, penal, and other public institutions and buildings; bridges, reservoirs, and other internal improvements; reclamation of swamp and arid lands; experiment stations; recreation areas; wildlife and forestry areas; military camps; and payments of bonds issued by local governments. Excludes grants to aid in construction of railroads, wagon roads, canals, and river improvements, or acreage of swamplands leased to States for which States received indemnity in cash.³ Includes homesteads. ⁴ Includes some classes of final entries and patents prior to 1911.⁵ Excludes commuted homesteads. ⁶ 1920 only.Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director (Statistical Appendix)*, and records.

Public Lands

197

No. 252. RECEIPTS FROM THE DISPOSITION OF PUBLIC LANDS: 1947 TO 1961

[In thousands of dollars. For years ending June 30. Includes Alaska]

YEAR	Total	Sales of public lands	Sales of timber	Fees and commissions	Mineral leases ¹	Outer Continental Shelf leases ²	Miscellaneous
1947	21,012	148	3,033	71	15,122	-----	2,637
1948	33,286	252	4,674	151	24,351	-----	3,853
1949	37,149	476	3,011	255	28,971	-----	3,533
1950	36,177	456	4,292	398	26,971	-----	4,060
1951	49,682	519	7,774	374	34,951	-----	5,464
1952	64,518	690	9,554	823	41,884	-----	11,562
1953	66,346	1,025	13,812	430	43,632	-----	8,038
1954	77,487	1,218	13,420	593	62,490	-----	9,767
1955	230,549	1,926	24,051	735	59,961	142,405	9,571
1956	154,781	2,288	24,016	843	61,580	53,788	11,360
1957	112,059	3,427	21,449	1,015	72,285	2,200	11,675
1958	127,385	3,029	24,047	1,184	81,355	3,461	13,709
1959	136,721	4,239	31,751	1,260	83,534	3,412	12,519
1960	371,068	5,100	36,359	1,793	84,091	220,457	14,261
1961	159,246	4,250	32,126	2,478	89,203	7,305	23,886

¹ Act of Feb. 25, 1920.² Excludes \$355,796,200 deposited in the Outer Continental Shelf escrow accounts pending Supreme Court decision.Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

No. 253. PUBLIC LAND, HOMESTEAD ENTRIES—ACREAGE, BY STATES: 1931 TO 1961

[For years ending June 30. See text, pp. 191 and 192. See also *Historical Statistics, Colonial Times to 1967*, series J17-18]

ITEM AND STATE	1931-1935, total	1936-1940, total	1941-1945, total	1946-1950, total	1951-1955, total	1956-1960, total	1960	1961
Original entries, total...	15,266,771	659,350	158,567	305,839	288,906	501,092	147,917	77,345
Alaska...	38,659	58,718	59,559	171,759	178,285	303,878	142,569	73,320
Arizona...	1,124,034	39,010	8,199	8,134	8,058	1,320	480	40
Arkansas...	1,43,288	(1)	-----	-----	188	-----	-----	-----
California...	909,626	28,127	2,391	25,044	2,520	1,372	40	-----
Colorado...	1,028,298	55,501	7,533	10,503	12,582	1,870	-----	-----
Florida...	1,0,554	(2)	-----	-----	320	40	-----	-----
Idaho...	694,481	56,757	16,020	16,026	28,866	72,148	400	150
Louisiana...	-----	-----	-----	-----	-----	-----	-----	37
Minnesota...	4,047	(2)	-----	-----	-----	-----	-----	-----
Montana...	1,884,188	84,102	17,871	844	980	643	-----	-----
Nebraska...	1,17,408	(2)	-----	-----	-----	-----	-----	-----
Nevada...	97,670	1,832	1,812	2,314	18,203	12,595	1,260	3,158
New Mexico...	4,387,629	94,837	13,817	1,378	1,618	2,236	1,040	320
North Dakota...	79,162	1,860	875	(2)	-----	-----	-----	-----
Oregon...	561,227	50,063	3,373	1,898	550	748	320	-----
South Dakota...	220,903	7,695	(1)	-----	-----	-----	-----	-----
Utah...	600,755	26,811	12,660	32,081	41,803	11,796	1,229	140
Washington...	67,364	2,733	320	2,435	332	500	320	100
Wyoming...	3,894,074	125,425	2,604	30,077	565	1,968	310	-----
Bureau of Land Management ¹ ...	94,395	20,579	11,458	3,026	4,034	178	-----	-----
Final entries ² ...	6,233,309	6,783,129	704,204	156,004	220,468	178,400	43,184	38,944

¹ 1931 to 1933.² For States no longer having local offices, entries, if any, included with Bureau of Land Management.³ Includes entries of abandoned military reservations.⁴ Excludes commuted homesteads and ceded Indian lands.Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

Public Lands; Parks; and Recreation

No. 254. VACANT PUBLIC LANDS—ACREAGE, BY STATES: 1900 TO 1961

[In thousands. As of June 30. Vacant public lands are those which are unappropriated and unreserved. The former represent lands not covered by an entry, the latter, lands not reserved for some public purpose, i.e., available for entry or selection under appropriate laws. Data cover vacant public lands outside Alaska withdrawn for classification in furtherance of Taylor Grazing Act and for conservation and development of natural resources. See also *Historical Statistics, Colonial Times to 1957*, series J 10, for U.S. totals excluding Alaska.]

STATE	1900 ¹	1910	1920	1930	1940 ²	1950 ³	1960 ³	1961 ²
Total	917,136	711,987	553,102	527,145	502,826	440,408	437,873	441,095
Alabama	359	108	37	(3)	16	27	3	3
Alaska	359,493	368,015	352,782	348,166	323,000	270,000	270,200	272,701
Arizona	50,287	41,491	18,269	15,181	13,869	12,545	12,442	12,436
Arkansas	3,493	513	277	191	130	134	3	3
California	42,468	24,885	19,586	16,028	16,960	16,300	15,073	15,636
Colorado	39,660	21,726	8,941	8,027	7,937	8,070	8,000	8,082
Florida	1,596	453	120	19	14	23	1	1
Idaho	43,287	24,744	8,805	10,018	11,879	10,853	11,052	11,072
Indiana					(4)	(4)	(4)	(4)
Kansas	1,197	137	4	(3)	3	3	1	1
Louisiana	442	89	14	(3)	6	7	11	0
Michigan	430	108	74	(3)	16	16	5	5
Minnesota	4,696	1,503	256	190	238	93	58	53
Mississippi	286	47	33	(3)	13	17	4	3
Missouri	338	3	(4)	(3)	(4)	1	(4)	(4)
Montana	67,983	36,016	5,974	6,602	6,480	6,773	6,385	6,378
Nebraska	9,799	1,879	67	23	29	26	6	6
Nevada	61,278	56,475	54,267	51,454	51,144	47,158	46,027	46,589
New Mexico	56,541	30,455	18,449	15,004	15,095	14,503	13,129	13,057
North Dakota	18,725	1,410	81	147	108	96	79	79
Oklahoma	5,734	5	7	(3)	23	26	23	23
Oregon	34,378	17,681	14,007	13,069	12,774	13,298	13,153	13,095
South Dakota	11,931	4,503	288	440	279	290	272	271
Utah	42,967	35,956	20,992	23,881	25,734	23,033	24,097	24,245
Washington	11,126	3,196	1,087	921	577	487	365	333
Wisconsin	314	14	5	(3)	6	6	2	2
Wyoming	48,358	34,575	10,680	15,929	15,907	16,615	16,198	16,322

¹ Exclusive of Cherokee Strip, containing 8,004,644 acres, and all other lands owned or claimed by Indians in Indian Territory west of ninety-sixth degree of longitude.

² Includes acreage of public lands within grazing districts, as follows: 1940, 181,926,135; 1950, 184,874,876; 1960, 141,644,850; 1961, 142,819,760. ³ Data not tabulated. ⁴ Less than 500 acres.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix), and records.

No. 255. PUBLIC AND INDIAN LAND, ENTRIES UNDER ALL ACTS—ACREAGE, BY STATES: 1936 TO 1961

[For years ending June 30. See text, pp. 191 and 192. See also *Historical Statistics, Colonial Times to 1957*, series J 18-15]

CLASS AND STATE	ORIGINAL ENTRIES							Final entries, 1961	Patented, 1961
	1936-1940, total	1941-1945, total	1946-1950, total	1951-1955, total	1956-1960, total	1960	1961		
Total	1,036,849	404,409	496,287	1,100,665	2,075,680	1,295,499	2,210,942	451,055	481,785
Public land	987,684	400,239	480,487	1,092,480	2,075,680	1,295,499	2,210,942	451,055	472,808
Indian land	49,165	4,169	16,800	8,184					8,917
All homesteads	708,410	162,736	321,638	207,090	501,092	147,917	77,345	57,461	58,929
Stock-raising	472,920	25,488	3,192	2,515					
Other entries	328,439	241,673	174,049	803,574	1,574,588	1,147,582	2,133,507	303,594	422,886
Alaska	59,034	66,695	171,810	178,285	1,358,048	1,103,219	1,932,785	242,526	207,648
Arizona	80,874	25,157	43,832	61,814	187,648	83,093	55,770	17,013	22,462
California	209,428	89,631	59,572	112,097	40,638	7,774	8,790	35,750	44,235
Colorado	107,578	10,209	46,484	83,435	22,370	80	6,620	13,024	24,334
Idaho	57,488	21,573	32,543	210,507	178,416	23,609	28,622	40,895	43,193
Montana	84,610	20,029	1,802	1,524	4,408	2,636	52	12,278	17,875
Nevada	2,831	7,851	6,900	307,922	157,320	36,829	119,222	20,375	23,402
New Mexico	176,042	33,435	4,733	12,350	17,167	4,015	2,021	30,801	27,135
Oregon	53,878	5,136	2,068	22,353	12,728	704	7,343	6,911	10,428
Utah	27,091	99,659	71,906	76,403	23,972	1,530	3,777	6,464	6,864
Washington	3,333	700	5,104	750	40,342	22,402	29,833	1,588	5,154
Wyoming	138,074	9,830	47,175	18,753	31,900	9,931	2,053	14,744	16,604
Other States	35,081	13,614	3,298	5,412	615	277	12,545	9,680	32,451

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

NO. 256. PUBLIC AND INDIAN LAND, ENTRIES AND PATENTS—ACREAGE: 1959 TO 1961

[For years ending June 30. Data include Alaska. See also *Historical Statistics, Colonial Times to 1957*, series J 13-16, for grand totals for earlier years]

CLASS	1959			1960			1961		
	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries
Total	302,916	279,892	850,083	1,295,499	270,313	511,553	2,210,942	451,055	481,785
Homesteads	146,767	41,507	40,818	147,917	45,097	43,846	77,345	57,461	58,029
Enlarged	3,399	4,759	5,278	1,709	3,376	3,254	160	3,668	4,492
Reclamation	8,099	21,501	19,051	639	25,922	23,784	310	28,276	27,840
Sec. 2289, original act, et al.	135,209	15,248	16,486	145,569	15,799	16,857	76,875	26,517	26,597
Deserts	41,707	38,603	42,641	53,868	39,601	40,215	93,708	41,071	39,720
Public auction	119,563	120,096	120,096	93,077	90,225	90,225	1,844,268	66,528	68,842
State selection	93,526	114,733	1,007,688	1,007,688	1,39,018	216,299	1,387,318		
Mineral	8,229	15,283	15,024	64,011	29,411	28,015	30,805	17,427	16,108
Exchange			411,134			164,680	35,938		42,835
Miscellaneous	12,687	64,936	105,639	22,015	68,127	96,551	128,878	53,274	73,448

¹ Includes certifications: 1959, 86,212 acres; 1960, 80,268 acres; 1961, 118,166 acres.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director (Statistical Appendix)*.

NO. 257. INDIAN LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATES: 1900 TO 1961

[In thousands]

STATE	1900	1920	1940	1960 ¹	Total	1961 ¹		
						Trust allotted	Tribal	Govern-ment owned
Total	78,372	71,399	55,406	58,076	57,107	2,11,958	40,538	4,611
Alaska	(3)	(3)	(3)	4,168	4,169	0	88	4,072
Arizona	15,151	18,653	4,225	21,515	21,515	260	21,251	24
California	400	517	667	558	558	67	491	(4)
Colorado	484	469	667	752	753	5	747	1
Florida	23	24	61	79	79		79	
Idaho	1,365	683	818	835	835	394	399	42
Iowa	3	3	3	4	4		4	(3)
Kansas	28	273	36	20	29	27	2	(4)
Louisiana				(5)	(5)	(5)	(5)	
Michigan	8	153	27	22	21	9	8	4
Minnesota	1,567	1,609	653	756	756	56	671	29
Mississippi			9	16	16		16	(4)
Missouri				(5)	(5)	(5)	(5)	
Montana	9,601	6,084	6,456	5,457	5,406	3,681	1,597	128
Nebraska	75	360	76	68	67	2,53	14	(3)
Nevada	954	741	1,127	1,152	1,150	80	1,062	8
New Mexico	1,667	4,697	7,153	6,542	6,544	649	5,816	79
New York	88	88						
North Carolina	98	63	57	56	56		56	(3)
North Dakota	3,702	2,105	1,036	879	878	746	125	7
Oklahoma	26,397	10,552	2,844	1,855	1,795	2,1,701	59	35
Oregon	1,300	1,718	1,737	1,288	696	108	496	1
South Carolina				3	3		3	
South Dakota	8,992	6,680	5,805	5,064	5,018	2,987	1,801	140
Texas				(5)	(5)	(5)	(5)	
Utah	2,030	1,641	1,693	2,125	2,116	74	2,042	(3)
Washington	2,834	2,719	2,740	2,591	2,567	744	1,823	(3)
Wisconsin	381	590	446	422	188	88	60	40
Wyoming	1,810	2,102	2,013	1,890	1,880	130	1,768	1

¹ Taxable lands generally excluded.

² Includes taxable land as follows: 36,112 acres for Nebraska and 300,385 acres for Oklahoma.

³ Not available.

⁴ Excludes 495,578 acres of land in litigation lost to Atchison, Topeka, and Santa Fe Railroad.

⁵ Less than 500 acres.

Source: Department of the Interior, Bureau of Indian Affairs; *Annual Report*, and records.

No. 258. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES OUTSTANDING, BY CLASS: 1961

[As of June 30. Data include Alaska. For oil and gas leases for earlier years, see also *Historical Statistics, Colonial Times to 1957*, series J 32-33]

CLASS	Number	Acres	CLASS	Number	Acres
Mineral class ¹	134,814	105,060,075	Licenses	16	610
Leases ¹	133,445	102,458,173	Coal	16	610
Oil and gas ¹	132,808	101,944,149	Other classes ¹	(3)	19,264,005
Barite	1	440	Leases	14,169	18,407,791
Coal	306	230,585	Grazing, Taylor Act	9,402	16,000,277
Manganese	1	302	Grazing, Alaska	68	1,401,405
Potash	102	164,002	Grazing, Oregon and California	210	411,046
Phosphate	81	58,910	Fur farm, Alaska	3	2,100
Sodium	43	55,011	Aviation	49	23,901
Silica sands	3	641	Mineral or medicinal spring	4	401
Thorium	1	833	Recreational	102	13,032
Tungsten	5	1,440	Water well	6	673
Uranium	4	1,851	Campsites	2	00
Permits ¹	1,353	2,601,292	Small tract	4,233	14,206
Coal	147	255,480	Permits ¹	(3)	796,214
Copper, nickel, and uranium	18	14,254	Special land use	(3)	796,214
Gravel					
Phosphate	2	115			
Potash	391	680,508			
Sodium	795	1,641,866			

¹ Excludes the following on acquired lands: Oil and gas, 6,341 leases (4,398,120 acres); and various minerals, 270 permits (182,548 acres); includes 1,916,550 acres of Outer Continental Shelf leases.

² Excludes grazing licenses and permits within grazing districts, 19,371 (142,307,062 acres).

³ Not available.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

No. 259. RECEIPTS UNDER MINERAL LEASING ACT, 1920 TO 1961, AND MINERAL LEASES IN FORCE, 1961, BY STATES

[Receipts in thousands of dollars. Excludes leasing activities of agencies other than Bureau of Land Management. Receipts represent amounts collected under the Mineral Leasing Act of February 25, 1920.]

STATE	RECEIPTS (years ending June 30)							LEASES IN FORCE, JUNE 30, 1961 ¹	
	Total	1920-1956, total	1957	1958	1959	1960	1961	Number	Acres
	Total	562,036	72,284	81,355	88,534	84,091	89,203	133,445	102,458,173
Total	972,503	562,036	72,284	81,355	88,534	84,091	89,203	133,445	102,458,173
Alabama	247	281	6	3	3	2	2	77	12,320
Alaska	18,380	1,179	839	3,644	5,703	3,065	3,950	13,122	26,828,801
Arizona	3,400	770	699	443	413	676	450	4,185	3,607,630
Arkansas	383	65	13	38	76	62	120	438	401,046
California	171,477	133,388	8,321	8,843	7,552	6,499	6,874	8,809	1,485,545
Colorado	113,257	62,430	11,820	11,293	9,000	9,154	8,870	12,677	9,706,808
Florida	7	4	1	1	(3)	1	1	28	2,741
Idaho	3,022	1,473	505	205	296	287	756	362	498,445
Indiana					(3)			1	320
Kansas	2,073	852	121	137	228	322	418	173	56,699
Louisiana	3,042	1,515	314	314	270	258	371	433	53,998
Michigan	78	55	3	5	2	2	11	52	23,310
Mississippi	66	34	8	5	6	6	7	248	23,988
Montana	44,074	22,665	3,502	4,107	4,604	4,886	4,340	7,590	G, 124,012
Nebraska	207	130	9	14	15	18	21	158	53,012
Nevada	8,586	6,254	529	430	400	428	516	2,556	1,307,774
New Mexico	150,936	71,906	12,366	14,782	14,787	17,603	19,432	18,836	9,959,519
North Dakota	2,774	1,655	241	213	211	220	234	901	302,804
Oklahoma	890	457	61	54	73	101	144	765	191,337
Oregon	830	608	40	68	38	145	31	277	176,405
South Dakota	2,310	1,293	250	220	163	272	122	961	861,023
Texas								55	236,160
Utah	57,087	24,260	5,448	5,402	6,008	7,268	7,795	20,509	17,816,579
Washington	102	145	12	26	1	2	6	53	27,974
Wyoming	388,539	230,701	28,096	30,943	32,015	33,165	34,719	41,180	22,558,924

¹ Data for all leases except those on acquired lands. See footnote 1, table 258.

² Less than \$500.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

Grazing Districts—National Parks

201

No. 260. GRAZING DISTRICTS—ACREAGE, 1959 TO 1961, AND PERMITTED OPERATORS AND USE, 1958 TO 1960

[Acreage as of June 30; other data for fiscal year, except as noted. Grazing districts are Bureau of Land Management administrative subdivisions of vacant public range lands, as authorized by the Taylor Grazing Act of June 28, 1934, as amended. See also *Historical Statistics, Colonial Times to 1957*, series J 29, for livestock usage for earlier years]

STATE	AREA (1,000 acres)			OPERATORS (number)			ANIMAL-UNIT-MONTHS OF USE ² (1,000)					
							Livestock			Wildlife		
	1959	1960	1961	1958	1959	1960 ¹	1958	1959	1960 ¹	1958	1959	1960 ¹
Total	161,687	141,645	142,308	18,203	18,185	18,337	14,798	14,750	12,454	1,387	1,190	1,684
Arizona	12,932	10,529	10,540	562	999	542	611	725	31	47	48	
California	3,076	2,609	2,596	348	336	359	374	386	316	40	36	40
Colorado	8,064	7,490	7,485	1,075	1,689	1,690	790	782	698	321	334	354
Idaho	12,656	11,075	11,080	2,673	2,488	2,388	1,413	1,399	1,131	147	137	137
Montana	7,805	5,206	5,201	2,553	2,402	3,045	910	897	1,276	67	66	81
Nevada	47,676	42,443	43,017	1,052	1,008	936	3,194	3,139	2,223	181	192	214
New Mexico	13,995	12,733	12,687	3,983	4,040	4,033	2,089	2,153	1,858	40	42	44
Oregon	13,674	12,372	12,262	1,168	1,061	1,172	1,129	1,125	1,017	170	159	171
Utah	26,299	23,998	24,146	3,002	2,918	2,908	2,340	2,384	1,684	252	344	398
Wyoming	14,610	13,185	13,308	1,287	1,274	1,258	1,939	1,925	1,529	138	133	197

¹ Calendar year.

² Animal-unit-month is the amount of forage necessary for the complete sustenance of 1 animal-unit (i.e., 1 cow or $\frac{1}{2}$ horse or 5 sheep or 5 goats) for a period of 1 month.

Source: Department of the Interior, Bureau of Land Management; *Annual Report of the Director* (Statistical Appendix).

No. 261. VISITS TO AREAS ADMINISTERED BY THE NATIONAL PARK SERVICE, 1921 TO 1961, AND TO INDIVIDUAL NATIONAL PARKS, 1961

[Visits in thousands. Visits, through 1940, for years ending September 30; thereafter, calendar years. Acreage as of December 31, 1961. Includes data for Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics, Colonial Times to 1957*, series H 457]

PERIOD	Visits, annual average	PERIOD	Visits, annual average ¹	YEAR	Visits ¹	YEAR	Visits ¹
1921-1925	1,522	1941-1945	11,498	1952	42,300	1957	68,016
1926-1930	2,927	1946-1950	28,427	1953	46,225	1958	65,461
1931-1935	4,959	1951-1955	44,695	1954	47,834	1959	68,900
1936-1940	15,148	1956-1960 ²	68,652	1955	50,009	1960 ²	79,279
				1956	61,802	1961 ²	86,063

PARK	State or other area	1961		PARK	State or other area	1961	
		Federal acreage (1,000)	Visits ²			Federal acreage (1,000)	Visits ²
Acadia	Maine	32	1,575	Lassen Volcanic	Calif.	106	460
Big Bend	Tex.	700	91	Mammoth Cave	Ky.	51	510
Bryce Canyon	Utah	36	265	Mesa Verde	Colo.	51	228
Carlsbad Caverns	N. Mex.	46	590	Mount McKinley	Alaska	1,939	18
Crater Lake	Oreg.	160	416	Mt. Rainier	Wash.	242	1,593
Everglades	Fla.	1,301	557	Olympic	Wash.	889	1,520
Glacier	Mont.	1,009	740	Platt.	Oklahoma	1	1,173
Grand Canyon	Ariz.	673	1,262	Rocky Mountain	Colo.	257	1,538
Grand Teton	Wyo.	302	1,492	Sequoia	Calif.	385	610
Great Smoky Mountains	N.C.-Tenn.	509	4,762	Shenandoah	Va.	193	1,020
Haleakala	Hawaii	17	66	Virgin Islands	Virgin Is.	5	31
Hawaii Volcanoes	Hawaii	179	770	Wind Cave	S. Dak.	28	700
Hot Springs	Ark.	1	891	Yellowstone	Wyo.-Mont.	2,213	1,524
Isle Royale	Mich.	539	6	Yosemite	Idaho	788	1,227
Kings Canyon	Calif.	454	749	Zion	Utah	132	605

¹ Beginning 1956, includes visits to National Capital Park.

² New series, not comparable with previous years. New series adjusted to old base produces estimate of 72,854,000 in 1960, and 78,257,000 in 1961.

Source: Department of the Interior, National Park Service; annual report, *Areas Administered by the National Park Service, and Public Use, National Parks and Related Areas*.

No. 262. NATIONAL PARKS, MONUMENTS, AND ALLIED AREAS—NUMBER, ACREAGE,
AND VISITS: 1950, 1960, AND 1961

[Areas and acreage as of June 30, except as noted; visits, year ending December 31. Includes data for 2 areas in Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1957*, series H 455-470]

TYPE OF AREA	1950			1960			1961		
	Number of areas	Federal acreage (1,000)	Visits (1,000)	Number of areas	Federal acreage (1,000)	Visits (1,000) ¹	Number of areas ²	Federal acreage (1,000)	Visits ¹ (1,000)
Total...	162	28,882	33,253	187	25,705	79,279	192	25,958	86,663
National Park System	177	21,855	33,701	183	22,491	75,629	188	22,515	83,088
Historical parks	5	10	1,301	8	32	6,268	0	32	8,022
Monuments	30	9,439	5,310	88	8,981	10,738	83	9,005	10,622
Military parks	11	24	1,861	12	30	5,922	12	30	7,223
Memorial park	1	58	71	1	69	228	1	69	236
Battlefield				1	(3)	34	3	(3)	.47
Battlefield parks	2	4	93	3	6	545	3	6	704
Battlefield sites	6	(8)	140	5	(3)	288	3	(3)	205
Historic sites	13	3	928	12	2	1,203	15	2	1,266
Memorials	10	2	4,980	14	5	7,271	14	5	7,871
Cemeteries	10	(3)	3	10	(3)	3	10	(3)	.47
Seashore recreational area				1	25	467	1	25	547
Parkways	4	84	1,908	3	94	8,983	3	95	9,733
Capital Park	1	29	(4)	1	39	6,991	1	35	7,623
Other parks	28	12,222	13,919	20	13,208	20,630	30	13,211	27,906
National recreation areas	5	2,026	2,551	4	3,214	3,650	4	3,443	3,576

¹ New series, not comparable with previous years. New series adjusted to old base produces estimate of 72,854,000 in 1960, and 78,267,000 in 1961.

² As of Jan. 1, 1962.

³ Less than 500 acres.

⁴ Visits not recorded until 1951.

Source: Department of the Interior, National Park Service; annual report, *Areas Administered by the National Park Service and Public Use, National Parks and Related Areas*.

No. 263. NATIONAL FORESTS—RECREATIONAL USE BY VISITORS, BY PRIMARY PURPOSE: 1950 TO 1961

[In thousands. Includes Alaska and Puerto Rico, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series H 471-474]

USE AND PURPOSE	1950	1955	1956	1957	1958	1959	1960	1961
Total visits for recreational use...	27,368	45,713	52,556	60,957	68,450	81,521	92,595	101,913
To areas improved by public funds. To other public areas (unimproved) ¹	13,001	22,317	25,053	27,770	31,428	33,542	36,504	36,856
14,307	23,306	27,503	33,187	37,022	47,970	57,031	65,057	
Visits, by primary purpose:								
General enjoyment of forest areas.	7,060	12,444	14,190	16,634	18,246	23,538	30,181	34,689
Picnicking	0,326	10,883	12,822	14,742	16,126	19,296	19,497	20,076
Fishing	4,885	8,278	9,499	11,000	12,240	13,301	14,555	15,986
Hunting	2,285	4,064	4,436	5,168	5,589	6,888	7,591	8,535
Big-game take ²	358	518	541	502	589	669	682	(3)
Camping	1,534	2,723	3,516	4,289	4,934	5,681	6,579	6,924
Winter sports	1,517	2,769	2,673	2,760	4,022	3,986	4,499	4,405
Swimming	902	1,363	1,699	1,800	2,028	2,520	2,801	3,013
Hiking and riding	635	1,053	1,353	1,457	1,613	1,786	2,018	2,250
Other	1,315	2,130	2,458	3,088	3,040	4,575	4,894	6,035

¹ Includes a few public areas improved by non-Federal means.

² Excludes Puerto Rico. Comprises deer, elk, bear, antelope, moose, mountain goat, bighorn, peccary, and wild boar, of which 602,000 were deer in 1960. Beginning 1959, includes data for national grasslands.

³ Not available.

Source: Department of Agriculture, Forest Service.

State Park Systems

203

No. 264. STATE PARK SYSTEMS—SUMMARY: 1950 TO 1960

[For years ending June 30, in most cases. Beginning 1959, includes Alaska and Hawaii. Number of agencies which reported varies from year to year. Covers parks, historic sites, and parkways reported by State park and State historical agencies. See also *Historical Statistics, Colonial Times to 1957*, series H 475-487.]

ITEM	1950	1955	1956	1957	1958	1959	1960
Areas ¹ —number	1,725	2,034	2,100	2,216	2,385	2,433	2,604
Acreage ¹ —1,000	4,657	5,086	5,165	5,248	5,406	5,681	5,802
Expenditures ² —\$1,000	36,389	55,093	65,844	74,008	73,222	88,268	87,873
Salaries and wages—do	13,022	22,673	24,706	27,844	31,730	33,548	37,137
Supplies and equipment—do	7,738	11,361	13,341	13,770	16,260	17,388	19,132
Lands—do	2,651	5,528	5,987	4,809	7,555	14,834	12,077
Improvements—do	12,364	15,293	21,520	27,526	18,032	22,432	19,026
Funds unavailable for expenditures—do	62,283	69,075	88,255	124,077	135,060	213,341	211,419
Appropriations—do	28,421	43,382	49,610	89,309	78,826	65,283	69,204
Other—do	23,862	26,693	38,645	33,049	61,433	78,767	61,704
Revenue from operations—do	6,646	13,917	14,928	15,987	18,236	20,778	22,641
Attendance—1,000	114,291	183,188	200,705	216,780	237,929	255,310	259,001
Day visits—do	108,212	169,123	185,325	201,881	220,206	237,316	238,432
Overnight visits—do	6,079	11,057	12,642	14,899	21,123	21,904	20,569
Cabins and hotels—do	1,223	1,576	1,727	1,836	1,753	1,944	1,607
Organized camps—do	1,480	1,697	1,809	2,209	2,075	2,096	2,235
Tent and trailer camps—do	3,377	7,650	9,106	10,571	13,074	13,734	16,217
Personnel—number	10,626	13,837	14,932	15,443	16,673	16,600	17,537
Professional—do	401	373	449	498	536	607	781
Year-round—do	4,191	5,657	6,048	6,302	6,691	6,956	7,412
Seasonal—do	6,435	7,980	8,884	9,141	9,982	9,724	10,125
Land acquisition—acres	62,042	70,148	61,544	63,380	158,780	251,689	68,320
By purchase—do	18,236	13,750	30,850	29,119	17,578	52,801	38,915
By gift—do	4,586	35,724	16,055	9,851	10,300	17,740	7,585
By other means—do	89,220	20,674	14,639	24,419	122,841	175,321	21,826

¹ Excludes State forests, wildlife refuges, and waysides not administered by State park agencies.

² Includes data for which the detailed breakdown is not available.

Source: Department of the Interior, National Park Service; annual report, *State Park Statistics*.

No. 265. STATE PARK SYSTEMS—AREAS, ACREAGE, VISITS, AND EXPENDITURES, BY STATES: 1960

[Areas and acreage as of December 31; visits year ending December 31. See also headnote, table 264]

STATE	Areas	Acreage	Visits	Expenditures	STATE	Areas	Acreage	Visits	Expenditures
U.S.	2,664	5,601,542	1,000 259,001	\$1,000 87,373	Montana	23	9,129	1,000 866	\$1,000 92
Alabama	47	42,654	2,011	386	Nebraska	66	28,786	8,792	418
Alaska	62	2,603	480	133	Nevada	10	10,179	156	73
Arizona	4	114	48	44	New Hampshire	40	43,697	2,349	1,203
Arkansas	15	19,190	3,115	538	New Jersey	41	28,800	6,399	2,832
California	175	691,752	24,476	16,269	New Mexico	14	5,458	1,360	493
Colorado	14	9,108	651	247	New York	137	2,540,443	34,490	19,338
Connecticut	74	21,958	4,497	1,201	North Carolina	20	36,060	1,759	861
Delaware	5	3,745	589	100	North Dakota	66	5,191	476	140
Florida	50	72,303	3,195	1,255	Ohio	113	91,945	18,628	8,835
Georgia	45	84,083	3,440	746	Oklahoma	37	57,003	8,998	1,996
Hawaii	20	6,245	272	253	Oregon	176	60,318	10,918	1,914
Idaho	25	17,439	790	121	Pennsylvania	157	165,172	22,751	4,093
Illinois	86	62,379	8,370	4,435	Rhode Island	75	8,495	2,597	846
Indiana	35	45,120	2,384	1,630	South Carolina	28	48,501	3,203	498
Iowa	92	29,747	6,852	1,269	South Dakota	143	94,316	4,312	437
Kansas	52	95,651	1,967	1,008	Tennessee	20	131,325	8,860	1,340
Kentucky	82	86,595	4,401	2,732	Texas	61	62,281	7,286	511
Louisiana	17	12,218	1,689	601	Utah	17	7,298	525	197
Maine	32	205,106	691	498	Vermont	38	15,505	735	239
Maryland	20	18,123	4,013	1,018	Virginia	14	25,966	1,070	380
Massachusetts	44	32,043	2,812	2,720	Washington	119	77,557	7,060	1,775
Michigan	79	182,615	10,105	2,654	West Virginia	26	40,711	1,940	1,102
Minnesota	69	100,343	3,214	946	Wisconsin	88	19,241	5,364	707
Mississippi	15	13,635	1,016	294	Wyoming	41	152,004	601	45
Missouri	36	72,257	6,044	859					

¹ 65 agencies reporting.

Source: Department of the Interior, National Park Service; annual report, *State Park Statistics*.

No. 266. MUNICIPAL PARKS—NUMBER, ACREAGE, LEADERSHIP, AND SELECTED FACILITIES: 1930 TO 1960

[For reporting cities of 100,000 inhabitants or more in 1950. Includes Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 488-490]

ITEM	1930	1935	1940	1946	1950	1955	1960
Parks:							
Number.....	6,368	6,089	8,339	(1)	8,671	9,558	13,209
Acreage.....	201,067	228,093	267,753	(1)	301,492	323,049	362,935
Recreation leadership:							
Leaders, total.....	16,240	12,604	14,708	20,130	27,712	31,649	41,480
Full time, year-round.....	2,028	2,111	2,703	3,501	4,571	5,454	5,824
Playgrounds under leadership.....	4,236	4,330	5,165	5,258	5,420	7,118	7,937
Selected facilities:							
Ball diamonds.....	2,130	2,027	2,028	2,075	7,907	8,919	10,103
Bathing beaches.....	135	148	164	175	158	158	157
Golf courses.....	168	167	201	190	222	225	270
Outdoor swimming pools.....	387	402	449	550	549	605	863
Tennis courts.....	5,120	5,534	7,003	6,390	6,328	6,039	6,770
Recreation buildings.....	426	707	961	969	1,419	1,718	1,867
Indoor recreation centers.....	1,422	2,048	2,080	1,787	2,617	3,758	6,369

¹ Not available.

Source: 1930-1955, Resources for the Future, Inc., Washington, D.C.; *Statistics on Outdoor Recreation*. (Figures are based on reports of the National Recreation Association). Beginning 1950, National Recreation Association, records.

No. 267. PUBLIC OUTDOOR RECREATION AREAS (NONURBAN), BY LEVEL OF GOVERNMENT, TYPE OF AGENCY, AND SIZE CATEGORY: 1960

[Excludes Alaska and Hawaii. Comprises publicly owned and managed land and water areas outside of city limits, upon which recreation, including hunting and fishing, is a recognized use. Includes the entire acreage of National, State, county, and local parks, monuments, historic sites, memorials, geologic and archaeological areas, forests, recreation areas, public hunting and shooting grounds, water access areas, fish hatcheries, and wildlife refuges where the public is permitted to engage in recreational activities]

TYPE OF AGENCY AND SIZE OF AREA	TOTAL		FEDERAL		STATE		COUNTY AND OTHER LOCAL	
	Number of areas	Acreage (1,000)	Number of areas	Acreage (1,000)	Number of areas	Acreage (1,000)	Number of areas	Acreage (1,000)
Total.....	24,048	234,000	1,059	198,341	20,429	32,113	2,560	3,546
TYPE OF AGENCY¹								
Park agencies.....	4,027	22,057	182	18,078	3,195	3,600	650	379
Forest agencies.....	1,177	185,101	205	105,167	837	17,063	135	2,361
Fish and wildlife agencies ²	4,912	18,236	325	9,625	4,440	8,603	147	8
Water development agencies ³	82	903	41	706	29	112	12	25
Transportation agencies.....	11,376	3,976	275	3,944	11,586	32	15	(4)
Special authorities.....	139	1,331	30	618	78	445	31	238
Other agencies ⁴	1,835	2,306	1	113	264	1,658	1,570	535
SIZE OF AREA								
40 acres and under.....	17,083	69	71	1	16,151	60	861	8
41 to 100 acres.....	974	73	45	3	742	57	187	13
101 to 500 acres.....	2,505	606	132	34	1,423	350	1,250	222
501 to 1,000 acres.....	743	538	73	54	582	423	88	61
1,001 to 5,000 acres.....	1,171	2,702	189	475	871	1,096	111	291
5,001 to 25,000 acres.....	607	7,651	187	2,235	446	4,098	34	418
25,001 to 100,000 acres.....	317	16,153	145	7,297	153	7,818	10	1,013
100,001 to 1,000,000 acres.....	206	73,309	187	58,871	50	12,858	10	1,580
Over 1,000,000 acres.....	82	132,899	80	129,371	2	3,528		

¹ The department, bureau, division, or board specifically charged with management of the resource for recreation purposes.

² Includes a few divisions or departments whose responsibility is general conservation, rather than concern for a specific function.

³ Includes Corps of Engineers, Bureau of Reclamation, and Tennessee Valley Authority; at the State and local level, includes flood control, watershed management, dredging and reclamation, and water supply agencies.

⁴ Less than 500 acres.

⁵ Includes land offices, city administrations, schools, historical societies, special districts, and agencies not elsewhere classified.

Source: Outdoor Recreation Resources Review Commission; *Outdoor Recreation For America*, a report to the President and the Congress, January 31, 1962.

No. 268. MUNICIPAL AND COUNTY PARKS—SUMMARY, BY STATES: 1960

STATE	PARKS		PAID EMPLOYEES		Play- grounds under leader- ship	Recre- ation build- ings and indoor centers	EXPENDITURES (\$1,000)		
	Number	Acre- age	Total	Leader- ship			Land, build- ings, per- manent improve- ments	Current operat- ing expenses	Capital expendi- tures, 1955-1960
United States.....	24,708	1,015,461	185,979	99,696	20,107	16,970	151,399	414,256	566,528
New England.....	2,174	52,389	13,648	7,319	1,611	852	7,007	18,553	25,862
Maine.....	128	1,243	527	344	93	43	67	716	420
New Hampshire.....	114	3,111	504	252	73	45	242	763	946
Vermont.....	123	1,691	465	329	51	82	67	446	189
Massachusetts.....	1,204	30,814	7,215	3,696	886	206	2,836	9,450	15,206
Rhode Island.....	116	1,120	849	424	126	71	68	849	452
Connecticut.....	489	14,410	3,898	2,274	432	315	3,726	6,329	8,047
Middle Atlantic.....	4,241	127,246	43,257	24,285	4,341	2,673	39,194	90,656	114,426
New York.....	2,409	74,069	20,673	14,627	2,020	1,339	30,906	56,849	60,650
New Jersey.....	749	25,277	6,828	3,786	821	555	3,473	12,426	12,680
Pennsylvania.....	1,083	27,000	9,756	6,872	1,500	776	4,815	21,381	32,007
East North Central.....	5,206	282,108	43,924	22,018	4,080	3,026	31,837	110,146	131,768
Ohio.....	322	113,271	8,089	4,710	1,083	642	6,591	21,819	29,717
Indiana.....	427	14,855	3,278	1,806	484	320	1,369	8,489	14,191
Illinois.....	1,402	78,849	13,032	6,126	888	820	11,407	45,401	51,712
Michigan.....	1,289	46,549	10,611	5,404	1,130	847	7,309	21,620	28,782
Wisconsin.....	766	28,584	7,114	3,672	445	388	6,071	13,346	7,366
West North Central.....	2,202	70,591	14,491	7,851	1,476	894	7,381	24,152	32,801
Minnesota.....	780	18,149	4,834	2,817	529	438	1,727	7,605	9,303
Iowa.....	487	13,426	2,400	1,379	263	128	1,033	2,744	3,671
Missouri.....	849	19,332	3,623	1,513	297	127	3,115	8,349	12,351
North Dakota.....	76	3,600	430	215	42	51	275	853	685
South Dakota.....	81	1,504	403	179	40	26	184	570	466
Nebraska.....	163	6,282	804	309	105	30	347	1,673	1,210
Kansas.....	266	8,288	1,997	1,439	191	94	690	2,350	5,124
South Atlantic.....	3,747	101,382	19,165	10,459	2,446	1,741	19,798	46,808	83,746
Delaware.....	86	1,292	369	222	36	19	61	560	558
Maryland.....	375	12,514	4,023	2,461	415	475	4,193	7,082	24,588
Dist. of Columbia.....	840	39,478	1,872	717	110	117	4,317	9,685	27,546
Virginia.....	375	9,155	2,771	1,811	482	298	1,112	4,688	4,382
West Virginia.....	100	3,307	1,206	713	248	91	575	1,826	1,462
North Carolina.....	476	10,260	2,320	1,467	345	206	1,369	3,752	5,094
South Carolina.....	212	1,962	687	476	120	84	364	1,092	838
Georgia.....	426	5,920	1,513	822	236	140	3,845	3,484	7,832
Florida.....	867	17,305	4,325	1,780	454	311	3,961	13,739	11,497
East South Central.....	904	31,906	6,726	3,086	865	602	3,808	10,445	16,790
Kentucky.....	198	8,175	1,759	980	213	234	750	2,077	1,623
Tennessee.....	365	12,136	2,135	1,023	306	201	1,641	4,333	6,851
Alabama.....	238	5,121	1,381	680	212	97	921	2,607	2,221
Mississippi.....	103	6,474	1,451	423	134	70	496	1,430	6,005
West South Central.....	1,744	62,672	7,732	3,222	1,033	688	6,097	18,448	27,384
Arkansas.....	25	3,487	220	50	11	21	324	305	712
Louisiana.....	272	4,751	1,596	915	306	83	1,214	3,813	7,138
Oklahoma.....	306	10,802	1,080	437	114	79	333	1,987	1,841
Texas.....	1,141	43,620	4,818	1,820	602	505	4,227	12,302	17,692
Mountain.....	1,926	119,937	5,933	3,854	795	892	3,992	10,367	14,230
Montana.....	129	14,434	433	295	58	91	158	517	393
Idaho.....	96	2,656	573	325	50	55	260	630	480
Wyoming.....	35	7,374	102	71	16	19	84	173	159
Colorado.....	834	32,023	1,682	848	157	228	1,254	3,030	5,118
New Mexico.....	133	1,674	595	424	67	80	724	884	1,595
Arizona.....	173	56,533	1,638	1,152	276	256	578	3,223	4,382
Utah.....	87	4,121	748	611	160	149	425	872	1,322
Nevada.....	30	1,122	182	128	13	14	501	239	776
Pacific.....	3,464	167,330	31,303	17,602	3,510	5,602	32,224	84,680	119,521
Washington.....	561	13,974	2,836	985	264	236	1,382	6,163	7,500
Oregon.....	466	13,628	1,655	703	130	144	1,551	3,834	10,298
California.....	2,182	135,520	26,506	15,509	2,957	5,128	25,570	71,902	97,392
Alaska.....	14	850	24	6	4	1	110	87	400
Hawaii.....	241	3,358	882	399	155	93	3,610	2,695	3,841

1 32,108 acres are outside the District of Columbia.

Source: National Recreation Association, records.

Public Lands; Parks; and Recreation

No. 269. SELECTED RECREATIONAL ACTIVITIES: 1950 TO 1961

[Excludes Alaska and Hawaii, except as noted. See also *Historical Statistics, Colonial Times to 1957*, series H 510-522, and H 525]

ACTIVITY	1950	1955	1956	1957	1958	1959	1960	1961
Baseball, major leagues:								
Attendance ¹	1,000	17,659	16,980	16,880	17,411	17,855	19,565	20,261
Regular season	do	17,463	16,617	16,543	17,016	17,461	19,144	19,911
National League	do	8,321	7,674	8,650	8,820	10,165	9,995	10,685
American League	do	9,142	8,943	7,804	8,196	7,296	9,149	9,227
World series	do	196	362	340	395	394	421	350
Softball, amateur: ²								
Teams	1,000	355	367	370	371	372	375	378
Leagues	do	59	61	62	62	62	63	64
Football, professional, National Football League, attendance	1,000	2,008	2,608	2,608	2,891	3,070	3,198	3,195
Regular season	do	1,978	2,522	2,551	2,836	3,006	3,140	3,128
Championship games	do	30	86	57	55	64	58	30
Football, collegiate, attendance ³	do	18,962	17,267	18,032	18,201	19,281	19,615	20,403
Boxing, professional matches, gross receipts ⁴	\$1,000	3,800	6,335	4,448	5,185	5,624	4,101	5,902
Horsing racing: ⁵								
Number of racing days	4,018	4,899	5,052	5,187	5,348	5,963	6,099	6,280
Total attendance	1,000	29,291	38,503	39,871	41,305	43,373	45,451	46,879
Parimutuel turnover	mill. dol.	1,638	2,592	2,791	2,937	3,039	3,246	3,358
Revenue to States	\$1,000	98,221	186,090	207,456	216,748	222,050	243,389	258,039
Total monies distributed ⁶	do	46,869	85,182	90,112	97,903	100,951	107,927	111,473
Greyhound racing: ⁶								
Number of racing days	1,738	2,143	2,233	2,388	2,187	2,395	2,478	2,605
Total attendance	1,000	6,083	7,131	7,216	7,610	7,047	7,769	7,024
Parimutuel turnover	mill. dol.	167	242	251	271	262	298	322
Revenue to States	\$1,000	10,530	16,705	17,527	18,652	18,559	19,422	22,051
Total monies distributed ⁶	do	(?)	(?)	(?)	(?)	(?)	9,207	7,200
Bowling:								
Tenpin: ⁸								
Establishments	number	6,325	6,636	6,957	7,190	7,475	8,191	8,997
Lanes	do	52,488	58,208	60,654	65,127	73,081	87,475	107,908
Teams	do	322,055	395,905	438,424	510,130	502,102	714,395	872,605
Duckpin: ⁹								
Establishments	number	463	556	571	584	601	612	663
Lanes	do	5,550	6,875	6,986	7,127	7,248	7,298	8,707
Teams	do	28,665	46,552	48,304	49,667	51,700	51,924	62,067
Motion picture theaters: ¹⁰								
Average weekly attendance	millions	60	46	47	45	42	-----	-----
Gross receipts	mill. dol.	1,320	1,185	1,204	1,120	1,180	-----	-----
Outboard motors and boats: ¹¹								
Motors in use	1,000	2,811	4,210	4,700	5,040	5,385	5,650	5,800
Motors sold	do	867	515	642	550	504	540	468
Value (retail)	mill. dol.	63	153	213	204	234	253	171
Average horsepower	do	6.9	12.9	14.2	16.3	20.7	23.7	27.4
Boats sold	1,000	131	268	302	320	316	329	294
Boat trailers sold	do	18	129	151	105	178	186	200

¹ Source: *World Almanac*. ² Amateur Softball Association of America. ³ National Collegiate Athletic Association. ⁴ Source: *The Ring*. Includes Hawaii. ⁵ National Association of State Racing Commissioners. Horse-racing includes thoroughbred, harness, quarter horse, and fairs. ⁶ Distributed in stakes and purses. ⁷ Not available. ⁸ American Bowling Congress. Data are for the season ending in year shown. Beginning 1959, includes Alaska and Hawaii. ⁹ National Duckpin Bowling Congress. ¹⁰ Source: *The Film Daily Yearbook of Motion Pictures, 1959*. 1958 data estimated. ¹¹ Outboard Boating Club of America. Beginning 1959, includes Alaska and Hawaii. 1961 data preliminary.

Source: Compiled from sources listed in footnotes.

No. 270. NUMBER AND COST OF HUNTING AND FISHING LICENSES: 1950 TO 1960

[For years ending June 30. Beginning 1950, includes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 523-524]

ITEM	1950	1954	1955	1956	1957	1958	1959	1960
Hunting licenses:								
Paid license holders	1,000	12,638	14,073	14,192	14,462	14,918	14,704	11,924
Resident	do	12,441	13,747	13,853	14,088	14,508	14,330	9,539
Nonresident	do	187	327	339	373	410	434	2,385
Cost to hunters for licenses issued	\$1,000	37,041	41,505	42,701	46,638	47,847	53,608	57,811
Fishing licenses:								
Paid license holders	1,000	15,338	18,581	18,855	18,702	19,277	20,178	20,007
Resident	do	13,309	16,024	16,212	16,040	16,645	17,402	17,149
Nonresident	do	2,029	2,557	2,643	2,662	2,631	2,776	2,588
Cost to anglers for licenses issued	\$1,000	34,018	38,928	39,502	43,150	42,770	45,410	50,375
Federal duck stamps issued		1,942	2,271	2,182	2,370	2,332	2,355	2,166

¹ Excludes Colo., Mich., Minn., and Wis.

Source: Department of the Interior, Fish and Wildlife Service.

Recreation—Fishing and Hunting Licenses

207

No. 271. NUMBER OF DAYS PARTICIPATION PER PERSON 12 YEARS OLD AND OVER IN SELECTED OUTDOOR ACTIVITIES, BY SEASON: 1960-61

¹Excludes Alaska and Hawaii. Data refer to number of days that individuals participated in specified activities, regardless of amount of time spent in participation. Based on a nationwide survey of outdoor recreation habits and preferences of persons 12 years old and over, conducted by the Bureau of the Census, and consisting of 4 separate samples, each involving approximately 4,000 interviews.]

OUTDOOR ACTIVITY	Year	Summer, June-Aug. 1960	Fall, Sept.-Nov. 1960	Winter, Dec. 1960- Feb. 1961	Spring, Mar.-May 1961
Driving for pleasure	20.73	6.08	4.34	4.66	5.05
Walking for pleasure ¹	21.14	5.39	4.08	5.66	5.21
Playing outdoor games or sports	12.71	3.63	2.77	2.58	3.73
Swimming, water skiing	6.88	5.45	0.68	0.17	0.58
Sightseeing	5.91	2.20	1.38	1.17	1.16
Bicycling	5.15	1.75	0.93	0.87	1.60
Fishing, hunting	6.05	2.18	1.48	1.18	1.21
Attending outdoor sports events	3.75	1.32	1.23	0.45	0.75
Picnicking, camping	4.39	2.60	0.82	0.28	0.69
Boating, canoeing, sailing	2.18	1.34	0.42	0.14	0.28
Horseback riding	1.25	0.42	0.21	0.20	0.42
Ice skating, snow skiing, sledding, tobogganing	1.13	(²)	(²)	1.02	0.11
Attending outdoor concerts, drama, etc.	0.39	0.21	0.08	0.03	0.07
Miscellaneous	0.57	0.40	0.08	0.05	0.04

¹ Includes nature walks, hiking, and mountain climbing.

² Less than 0.005 days per person.

Source: Outdoor Recreation Resources Review Commission, Washington, D.C.; *Outdoor Recreation for America*, a report to the President and the Congress, January 31, 1962.

No. 272. NUMBER AND COST OF STATE FISHING AND HUNTING LICENSES, BY STATES: 1960

[For year ending June 30. Excludes Migratory Waterfowl Stamps (Duck Stamps)]

STATE	PAID LICENSE HOLDERS ¹ (1,000)		COST OF LICENSES ² (\$1,000)		STATE	PAID LICENSE HOLDERS ¹ (1,000)		COST OF LICENSES ² (\$1,000)	
	Fish- ing	Hunt- ing	Fish- ing	Hunt- ing		Fish- ing	Hunt- ing	Fish- ing	Hunt- ing
United States	19,081	311,786	52,143	60,981	Missouri	662	373	2,130	1,653
Alabama	374	311	789	701	Montana	243	207	466	1,306
Alaska	47	31	266	334	Nebraska	199	186	478	854
Arizona	203	106	756	737	Nevada	64	40	271	351
Arkansas	409	224	1,048	730	New Hampshire	128	93	305	598
California	1,348	611	6,184	3,637	New Jersey	151	170	600	788
Colorado	400	(⁴)	1,457	3,100	New Mexico	142	107	551	780
Connecticut	107	54	412	193	New York	737	634	2,665	3,245
Delaware	12	26	23	64	North Carolina	322	384	877	1,123
Florida	520	160	1,112	980	North Dakota	78	74	83	466
Georgia	467	231	632	551	Ohio	812	671	1,660	1,580
Hawaii	2	5	4	27	Oklahoma	466	211	1,038	547
Idaho	234	167	965	655	Oregon	338	294	1,406	1,720
Illinois	635	407	1,413	1,896	Pennsylvania	612	690	2,215	4,466
Indiana	770	621	1,026	826	Rhode Island	16	12	48	46
Iowa	386	325	770	740	South Carolina	240	104	532	498
Kansas	238	230	266	612	South Dakota	143	170	284	1,696
Kentucky	340	265	1,112	1,026	Tennessee	653	424	1,122	873
Louisiana	178	281	249	290	Texas	847	474	1,820	1,586
Maine	225	180	756	1,028	Utah	186	184	567	1,646
Maryland	90	156	308	543	Vermont	82	104	233	472
Massachusetts	208	122	746	444	Virginia	354	400	707	1,091
Michigan	964	(⁴)	2,845	4,854	Washington	371	281	1,591	2,003
Minnesota	1,404	(⁴)	2,352	1,678	West Virginia	161	221	563	926
Mississippi	280	198	528	533	Wisconsin	1,031	(⁴)	3,110	2,837
					Wyoming	158	102	738	1,347

¹ Resident and nonresident.

² Total cost to fishermen or hunters for all licenses, permits, tags, stamps, etc.

³ Excludes Colo., Mich., Minn., and Wis.

⁴ Not available.

Source: Department of the Interior, Fish and Wildlife Service; mimeographed release.

Public Lands; Parks; and Recreation

No. 273. FISHERMEN AND HUNTERS, BY GEOGRAPHIC DIVISION, SEX, AND AGE: 1955 AND 1960

In thousands of persons 12 years old and over, except as noted. For 1960, includes Alaska and Hawaii.
Based on a sample of approximately 18,000 households. For composition of divisions, see p. XII.

ITEM	1955		1960		Total who fished and/or hunted	Total who fished	Total who hunted	On trips lasting more than 1 day	
	Total persons	Total who fished and/or hunted	Total persons	Total who fished and/or hunted				Fisher-men	Hun-ters
	118,366	24,917	131,226	30,435	9,525	25,323	14,637	8,052	3,305
Total									
By divisions:									
New England	7,919	1,224	8,349	1,368	354	1,205	517	313	84
Middle Atlantic	24,859	3,539	26,493	3,432	890	2,569	1,723	496	273
East North Central	25,733	5,480	26,823	6,316	1,086	5,317	2,985	1,877	790
West North Central	9,201	2,913	10,149	3,333	1,181	2,855	1,709	1,160	381
South Atlantic	14,336	3,223	17,798	4,423	1,317	3,685	2,045	696	257
East South Central	7,959	1,963	9,277	2,778	939	2,207	1,510	488	125
West South Central	10,250	2,600	11,837	3,666	1,217	3,133	1,750	1,002	333
Mountain	4,529	1,369	5,222	1,846	846	1,372	1,120	799	414
Pacific	13,570	2,637	15,203	3,422	828	2,971	1,279	1,210	641
By population:									
Big cities	21,010	2,160	22,050	2,305	432	2,162	635	799	273
Small cities and suburbs	34,263	6,001	35,358	6,376	1,474	5,656	2,194	2,346	731
Towns	21,729	5,337	21,147	5,334	1,861	4,528	2,667	1,343	607
Rural areas	41,384	11,410	52,662	16,359	6,758	12,976	6,141	3,564	1,692
By sex:									
Men	150,082	16,293	62,732	23,171	8,820	18,379	18,612	5,022	3,028
Women	153,705	14,836	68,494	7,264	705	6,944	1,025	2,130	277
By age:									
12 to 15 years	14,570	8,788	18,210	4,118	1,212	3,717	1,618	1,058	209
16 to 17 years		{ 5,548	1,577		592	1,173	996	304	155
18 to 24 years	12,130	2,517	15,216	3,838	1,443	2,652	2,329	770	433
25 to 34 years	21,790	5,104	21,929	5,876	1,991	4,816	3,061	1,631	782
35 to 44 years	23,730	5,078	23,523	6,097	1,808	5,075	2,890	1,728	701
45 to 64 years	33,220	6,272	36,297	7,378	2,062	6,283	3,157	2,250	832
65 years and over	12,917	1,268	18,513	1,549	359	1,307	601	311	126

¹ Persons 18 years old and over.

Source: Department of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting, 1955, and 1960*, and records.

No. 274. EXPENDITURES OF FISHERMEN AND HUNTERS: 1960

[Includes Alaska and Hawaii. Data refer to persons 12 years old and over who fished and/or hunted. Based on a sample of approximately 18,000 households]

ITEM	PERSONS WHO FISHED OR HUNTED OR BOTH		PERSONS WHO FISHED		PERSONS WHO HUNTED	
	Total spent (\$1,000)	Average per person	Total spent (\$1,000)	Average per person	Total spent (\$1,000)	Average per person
Total	3,852,116	\$126.57	2,690,872	\$106.26	1,161,242	\$73.34
Food	280,983	9.43	208,731	8.24	78,252	5.35
Lodging	89,516	2.94	62,129	2.45	27,391	1.87
Transportation:						
Automobile	529,749	17.41	369,762	14.60	159,987	10.93
Bus, rail, air, and water	14,759	.48	6,380	.25	8,379	.57
Equipment:						
Boats and motors	881,051	28.95	750,627	30.00	121,423	8.30
General auxiliary equipment	331,961	10.91	236,333	9.33	95,631	6.53
Fishing and/or hunting equipment	663,789	21.81	508,326	12.18	355,464	24.29
Licenses, tags, and permits	110,844	3.64	52,743	2.08	58,098	3.97
Duck stamps	4,575	.15			4,575	.31
Annual lease and privilege fees	23,435	.77	12,934	.51	10,500	.72
Daily entrance and privilege fees	49,670	1.63	34,548	1.38	15,125	1.03
Bait, guide fees, and other trip expenses	609,685	20.03	572,596	22.61	37,091	2.58
Other	256,097	8.41	66,708	2.64	189,326	12.94

¹ Includes tents, sleeping gear, cooking and eating utensils, special clothing, lanterns, binoculars, trailers, cabins, and other equipment used primarily for fishing and hunting.

² Includes boat launching fees for fishermen, dogs for hunters, costs of fishing and hunting magazines, general club dues, and other miscellaneous expenditures.

Source: Department of the Interior, Fish and Wildlife Service; *National Survey of Fishing and Hunting, 1960*.

No. 275. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1940 TO 1960

[In millions of dollars. Represents market value of purchases of goods and services by individuals and nonprofit institutions. Beginning 1960, adjusted to include Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 500-515.]

TYPE OF PRODUCT OR SERVICE	1940	1945	1950	1955	1956	1957	1958	1959	1960
Total recreation expenditures	3,761	6,139	11,278	14,220	15,193	16,082	16,842	18,356	19,408
Books and maps	284	520	677	888	1,006	1,149	1,181	1,353	1,466
Magazines, newspapers, and sheet music	589	965	1,495	1,917	1,954	2,087	2,233	2,309	2,402
Nondurable toys and sport supplies	306	553	1,396	1,842	2,008	2,094	2,162	2,378	2,501
Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft	254	400	878	1,397	1,575	1,700	1,833	1,980	2,055
Radio and television receivers, records, and musical instruments	494	844	2,457	2,792	2,872	3,000	3,067	3,497	3,600
Radio and television repair	32	88	281	522	585	632	720	784	860
Flowers, seeds, and potted plants	201	378	524	721	770	824	816	905	985
Admissions to specified spectator amusements	904	1,714	1,775	1,700	1,744	1,662	1,736	1,882	2,041
Motion picture theaters	735	1,450	1,367	1,217	1,228	1,120	1,168	1,278	1,394
Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics)	71	148	185	251	276	296	313	339	373
Spectator sports	98	116	228	282	240	246	265	265	274
Clubs and fraternal organizations	203	281	467	582	642	681	716	744	753
Commercial participant amusements ²	107	284	468	615	673	725	794	868	941
Parimutuel net receipts	55	153	237	375	408	431	447	473	505
Other ³	292	459	628	869	956	1,017	1,088	1,183	1,290

¹ Gross receipts less cash benefits of fraternal, patriotic, and women's organizations except insurance; and dues and fees of athletic, social, and luncheon clubs, and school fraternities.

² Billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; daily fee golf courses, including greens; golf instruction, club rental, and caddy fees; sightseeing buses and guides; and private flying.

³ Photo developing and printing, photographic studios, collectors' net acquisitions of stamps and coins, hunting dog purchase and training, sports guide service, veterinary service, purchase of pets, camp fees, nonvending coin machine receipts minus payoff, and other commercial amusements.

Source: Department of Commerce, Office of Business Economics; *National Income Supplement*, 1954, U.S. *Income and Output*, a supplement to the *Survey of Current Business*, and *Survey of Current Business*, July 1961.

No. 276. VOLUME AND CHARACTERISTICS OF TRAVEL: 1957

[Covers civilian noninstitutional population, excluding Alaska and Hawaii. Excludes trips to and from home locality by students attending college, 1-way travel of families permanently moving their residence, and occupational travel by pilots, engineers, bus drivers, etc. Data based on a sample of approximately 24,000 households, interviewed at the rate of about 2,000 each month as a part of *Current Population Survey*; see Technical Note, p. 213.]

ITEM	TRIPS ¹		TRIP DAYS ²		Aver-age days per trip	ITEM	TRIPS ¹		TRIP DAYS ²		Aver-age days per trip
	Num-ber (millions)	Per-cent	Num-ber (millions)	Per-cent			Num-ber (millions)	Per-cent	Num-ber (millions)	Per-cent	
Total	231	100	1,287	100	5.6	Major destination of trip:					
Purpose of trip:						Northeast	41	18	255	20	6.2
Business ³	44	19	210	16	4.8	North Central	60	26	304	24	5.0
Visit friends and relatives	107	46	546	43	5.1	South	80	35	448	35	5.6
Other vacation and pleasure	61	27	410	32	6.7	West	44	19	234	18	5.3
Other personal	19	8	121	9	6.4	Outside U.S. ⁴	5	2	46	4	8.6
Means of transport:						Distance to major destination:					
Automobile	201	87	1,051	82	5.2	Under 100 miles	89	38	357	28	—
Bus	6	2	41	3	7.1	100 to 199 miles	70	31	274	21	—
Rail	8	4	62	5	7.7	200 to 499 miles	44	19	292	23	—
Air	8	3	73	5	9.4	500 to 999 miles	14	6	157	12	—
Combination and other	9	4	60	5	6.8	1,000 miles and over	10	4	161	12	—
Origin of trip:						Outside U.S. ⁴	5	2	46	4	—
Northeast	44	19	293	23	6.6	Annual income of family:					
North Central	68	29	384	30	5.6	Under \$3,000	35	15	206	16	6.0
South	76	33	390	30	5.1	\$3,000 to \$5,999	95	41	468	36	4.9
West	42	18	220	17	5.2	\$6,000 to \$9,999	60	30	399	31	5.8
						\$10,000 and over	32	14	219	17	6.8

¹ A trip involves 1 person being out of town at least overnight or taking a 1-day round trip to a place that is at least 100 miles (1 way) away from home. A round trip starts and ends in the traveler's home locality. If 2 persons in the same household take a round trip together, 2 round trips are counted.

² Days spent away from home locality by 1 person on a round trip.

³ Includes both "direct business" in which the traveler goes principally for business reasons, and "indirect business" in which others in the household accompany the person who went for business purposes.

⁴ Includes Alaska, Hawaii, and outlying and foreign areas.

Source: Department of Commerce, Bureau of the Census; *Travel Survey—1957*.

NO. 277. FOREIGN TRAVEL—TRAVELERS AND EXPENDITURES: 1929 TO 1960
 [Travelers in thousands; expenditures in millions of dollars. Covers residents of conterminous U.S., Alaska, Hawaii, and Puerto Rico]

ITEM AND COUNTRY	1929	1937	1947	1950	1955	1957	1958	1959	1960
NUMBER OF TRAVELERS¹									
Total, overseas	517	485	435	676	1,075	1,369	1,398	1,516	1,634
Means of transport from U.S.:									
Sea	(2)	(2)	(3)	298	318	303	292	279	317
Air	(2)	(2)	(2)	378	757	1,066	1,106	1,237	1,317
Region and country:									
Europe and Mediterranean	350	248	149	302	482	566	637	705	832
West Indies and Central America	136	153	245	323	522	704	645	677	641
South America	8	9	27	38	34	51	52	59	71
Other	23	24	14	13	37	58	64	75	90
EXPENDITURES²									
Total	688	470	716	1,022	1,612	1,955	2,140	2,380	2,640
Transportation ³ :									
Foreign flag carriers	164	95	55	145	201	261	320	380	400
United States flag carriers	41	27	88	123	268	322	360	390	435
Expenditures abroad:									
Canada	178	156	241	261	300	340	323	365	380
Mexico	36	44	140	172	255	305	319	350	345
Total overseas areas	269	148	162	321	592	727	818	895	1,000
Europe and Mediterranean	213	97	107	225	430	483	500	604	704
West Indies and Central America	37	35	56	61	107	153	150	174	166
South America	5	4	18	22	22	37	37	41	46
Other	14	12	13	13	33	54	65	76	85

¹ Excludes the following: Travel to Canada and Mexico; travel between conterminous U.S. and Alaska, Hawaii, Puerto Rico, and the Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad; and U.S. citizens residing abroad. ² Not available. ³ Includes shore expenditures of cruise travelers; excludes travel expenditures of military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. ⁴ Excludes passenger fares of emigrant aliens.

NO. 278. TRAVEL TO EUROPE AND THE MEDITERRANEAN AREA—TRAVELERS AND AVERAGE EXPENDITURE: 1950 TO 1960

[Travelers in thousands. Covers residents of conterminous U.S., Alaska, Hawaii, and Puerto Rico, except as noted. For definitions of terms, see table 277]

ITEM	1950	1955	1956	1957	1958	1959	1960
Total travelers	302	482	521	556	637	705	832
U.S. born	(1)	299	326	354	422	465	563
Foreign born	(1)	183	195	202	215	240	263
Means of transport from U.S.:							
Sea	(1)	214	226	205	218	204	230
First class	(1)	56	59	50	60	(1)	(1)
Cabin class ¹	(1)	59	63	57	57	(1)	(1)
Tourist class ²	(1)	99	104	98	101	(1)	(1)
Air	(1)	268	295	351	419	501	602
First class	(1)	83	84	91	97	(1)	(1)
Tourist class ³	(1)	185	211	260	94	(1)	(1)
Economy class ⁴					228	(1)	(1)
Average expenditure and stay:							
Average per trip ⁵ —dollars	742	889	905	867	876	851	841
Average length of stay—days	7.64	58	50	52	50	(1)	(1)
Average per day—dollars	7.12.04	15.88	16.10	16.67	17.52	(1)	(1)

¹ Not available. ² Includes travelers using first-class accommodations costing less than \$325.

³ Includes travelers using freighter, combination type, or tourist class accommodations.

⁴ Includes travelers using chartered planes. ⁵ Originated in April 1958.

⁶ Excludes transatlantic passenger fares. ⁷ U.S. citizens only.

NO. 279. FOREIGN TRAVEL TO THE UNITED STATES—TRAVELERS, 1955 TO 1960, AND EXPENDITURES, 1947 TO 1960

[Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States]

AREA OF ORIGIN	TRAVELERS (1,000)				EXPENDITURES (\$1,000,000)					
	1955	1958	1959	1960	1947	1950	1955	1958	1959	1960
Total	(1)	(1)	(1)	(1)	364	419	654	825	902	968
Canada	(1)	(1)	(1)	(1)	152	193	304	425	462	499
Mexico	(1)	(1)	(1)	(1)	64	69	110	144	160	182
Overseas areas	332	472	544	602	148	157	180	256	280	317
Europe and Mediterranean	131	190	233	274	64	56	61	86	98	115
West Indies, Central America, and South America	169	225	243	249	63	77	93	125	133	133
Other	32	57	68	79	22	24	26	45	49	69

¹ Not available.

Source of tables 277-279: Department of Commerce, Office of Business Economics; Survey of Current Business, and records.